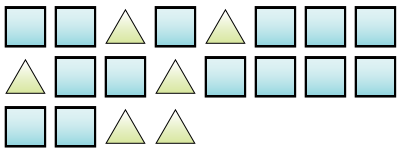
Finding Ratios (visual)

Name:

Solve each problem.

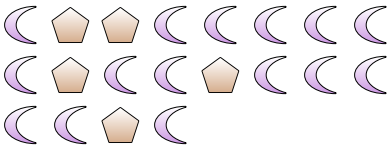
Ex) What is the ratio of squares to triangles?



1) What is the ratio of stars to moons?

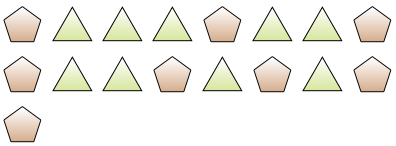
2) What is the ratio of pentagons to moons?

3) What is the ratio of moons to pentagons?

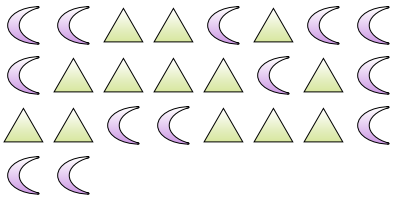


4) What is the ratio of moons to stars?

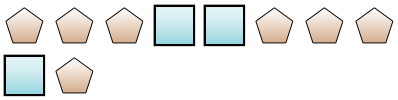
5) What is the ratio of triangles to pentagons?



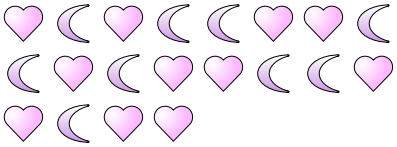
6) What is the ratio of triangles to moons?



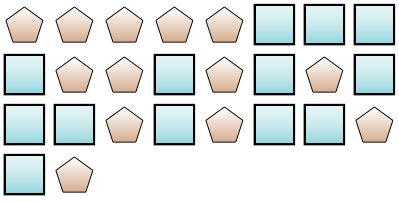
7) What is the ratio of pentagons to squares?



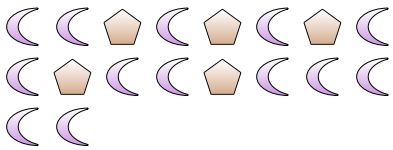
8) What is the ratio of hearts to moons?



9) What is the ratio of squares to pentagons?



10) What is the ratio of moons to pentagons?



11) What is the ratio of moons to triangles?

Answers

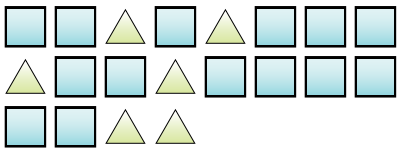
Ex. 14:6

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Solve each problem.

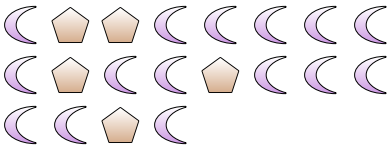
Ex) What is the ratio of squares to triangles?



1) What is the ratio of stars to moons?

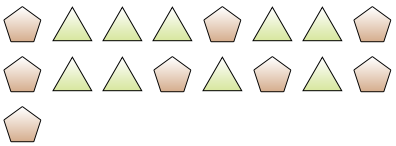
2) What is the ratio of pentagons to moons?

3) What is the ratio of moons to pentagons?

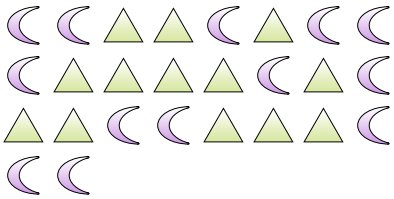


4) What is the ratio of moons to stars?

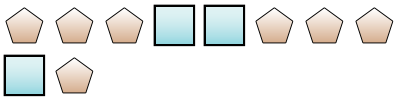
5) What is the ratio of triangles to pentagons?



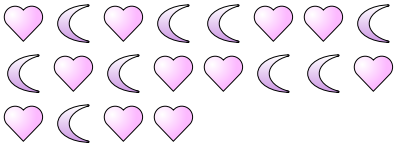
6) What is the ratio of triangles to moons?



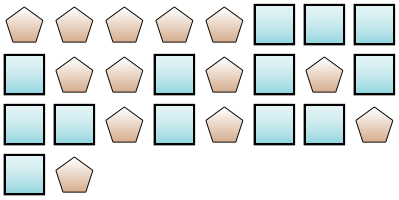
7) What is the ratio of pentagons to squares?



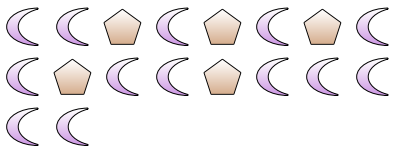
8) What is the ratio of hearts to moons?



9) What is the ratio of squares to pentagons?



10) What is the ratio of moons to pentagons?



11) What is the ratio of moons to triangles?

Answers

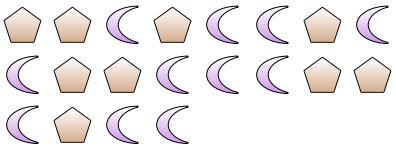
Ex. 14:6

1. 13:10
2. 3:13
3. 15:5
4. 12:12
5. 9:8
6. 13:13
7. 7:3
8. 11:9
9. 13:13
10. 13:5
11. 5:5

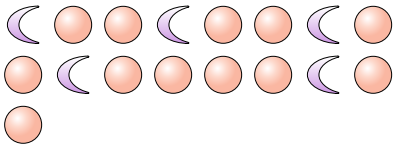
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Solve each problem.

Ex) What is the ratio of pentagons to moons?

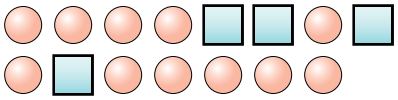


1) What is the ratio of moons to circles?

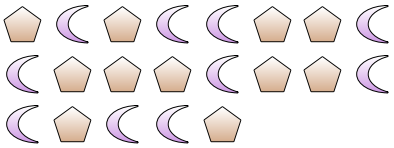


2) What is the ratio of triangles to pentagons?

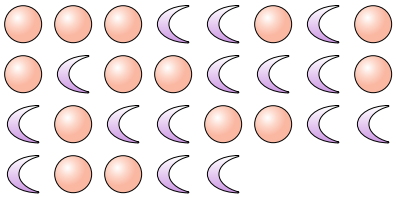
3) What is the ratio of squares to circles?



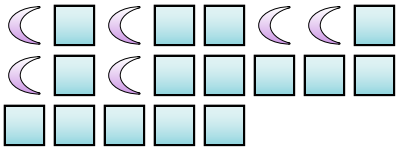
4) What is the ratio of pentagons to moons?



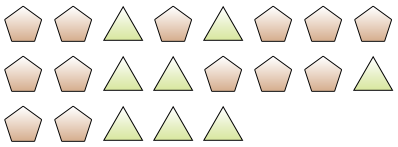
5) What is the ratio of moons to circles?



6) What is the ratio of moons to squares?

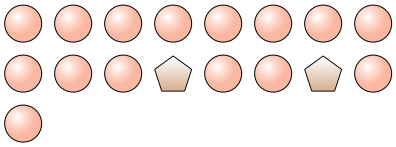


7) What is the ratio of pentagons to triangles?

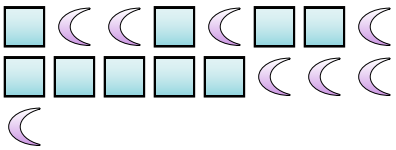


8) What is the ratio of stars to pentagons?

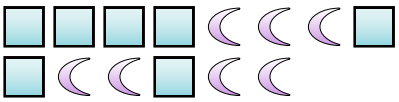
9) What is the ratio of pentagons to circles?



10) What is the ratio of squares to moons?



11) What is the ratio of squares to moons?



Answers

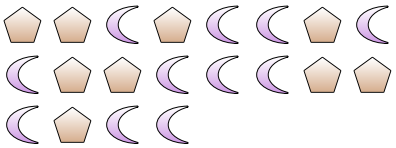
Ex. 9:11

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

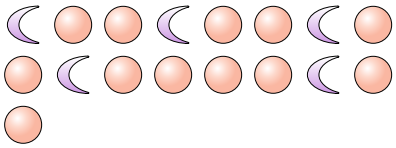
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Solve each problem.

Ex) What is the ratio of pentagons to moons?

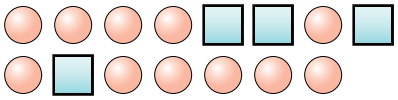


1) What is the ratio of moons to circles?

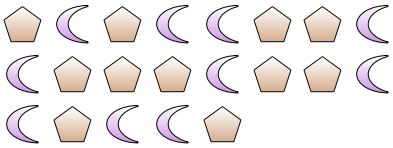


2) What is the ratio of triangles to pentagons?

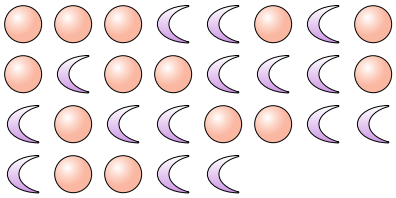
3) What is the ratio of squares to circles?



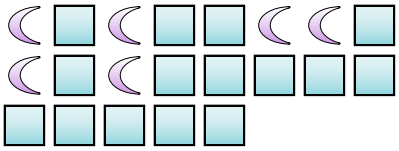
4) What is the ratio of pentagons to moons?



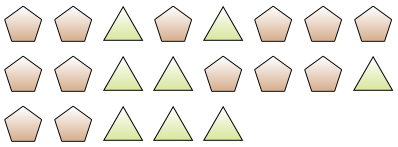
5) What is the ratio of moons to circles?



6) What is the ratio of moons to squares?

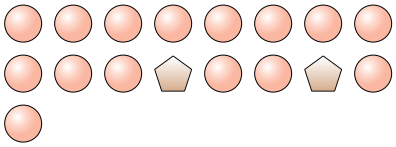


7) What is the ratio of pentagons to triangles?

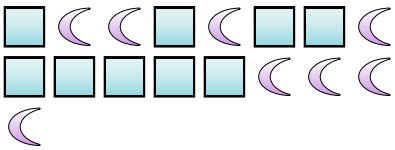


8) What is the ratio of stars to pentagons?

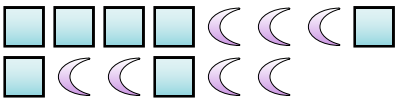
9) What is the ratio of pentagons to circles?



10) What is the ratio of squares to moons?



11) What is the ratio of squares to moons?



Answers

Ex. 9:11

1. 5:12
2. 6:3
3. 4:11
4. 11:10
5. 15:14
6. 6:15
7. 13:8
8. 7:6
9. 2:15
10. 9:8
11. 7:7

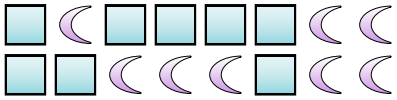
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Ratios (visual)

Name:

Solve each problem.

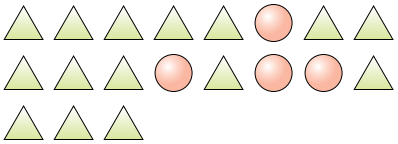
Ex) What is the ratio of squares to moons?



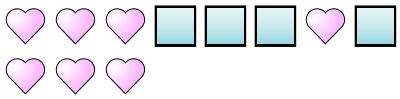
1) What is the ratio of triangles to stars?

2) What is the ratio of squares to stars?

3) What is the ratio of circles to triangles?

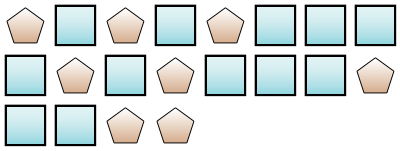


4) What is the ratio of hearts to squares?

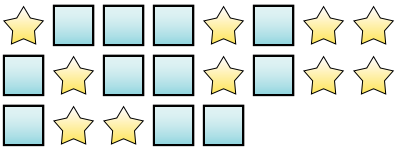


5) What is the ratio of moons to hearts?

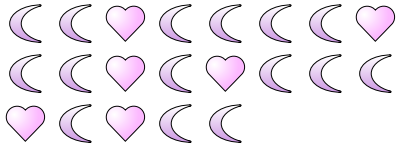
6) What is the ratio of pentagons to squares?



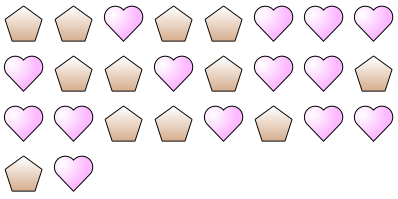
7) What is the ratio of squares to stars?



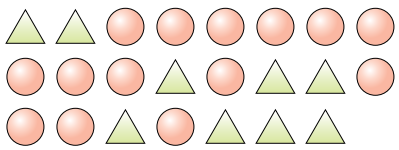
8) What is the ratio of hearts to moons?



9) What is the ratio of pentagons to hearts?



10) What is the ratio of triangles to circles?



11) What is the ratio of stars to moons?

Answers

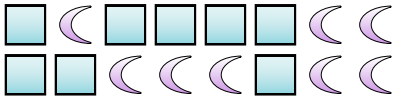
Ex. 8:8

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Solve each problem.

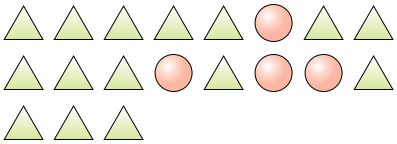
Ex) What is the ratio of squares to moons?



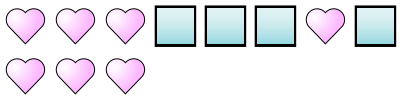
1) What is the ratio of triangles to stars?

2) What is the ratio of squares to stars?

3) What is the ratio of circles to triangles?

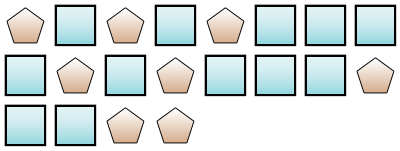


4) What is the ratio of hearts to squares?

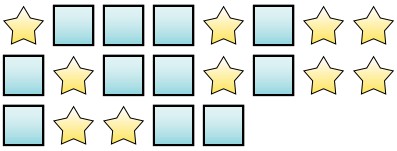


5) What is the ratio of moons to hearts?

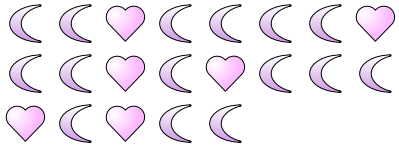
6) What is the ratio of pentagons to squares?



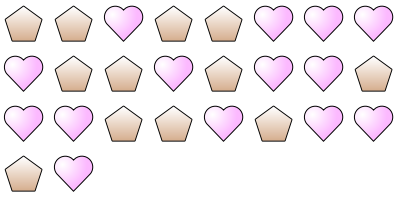
7) What is the ratio of squares to stars?



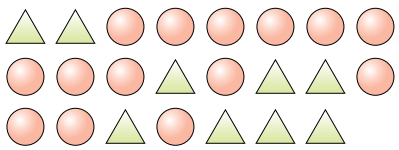
8) What is the ratio of hearts to moons?



9) What is the ratio of pentagons to hearts?



10) What is the ratio of triangles to circles?



11) What is the ratio of stars to moons?

Answers

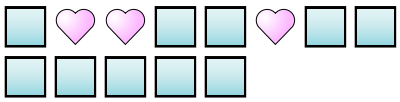
Ex. 8:8

1. 13:11
2. 2:2
3. 4:15
4. 7:4
5. 9:3
6. 8:12
7. 11:10
8. 6:15
9. 12:14
10. 9:14
11. 11:11

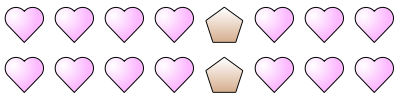
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Solve each problem.

Ex) What is the ratio of hearts to squares?

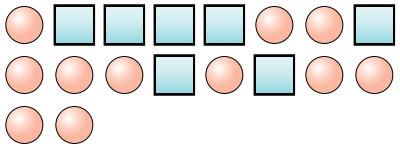


1) What is the ratio of pentagons to hearts?

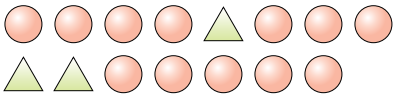


2) What is the ratio of stars to moons?

3) What is the ratio of squares to circles?

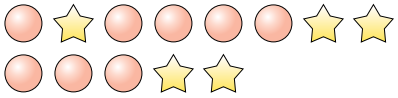


4) What is the ratio of triangles to circles?

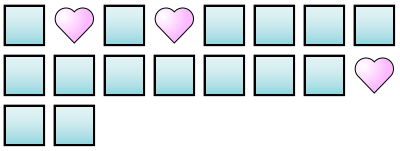


5) What is the ratio of stars to moons?

6) What is the ratio of circles to stars?

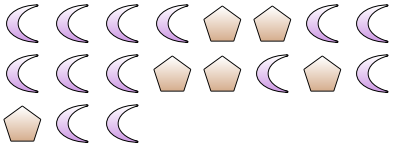


7) What is the ratio of hearts to squares?

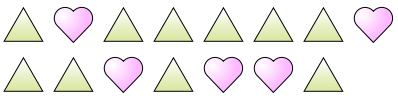


8) What is the ratio of pentagons to hearts?

9) What is the ratio of pentagons to moons?



10) What is the ratio of hearts to triangles?



11) What is the ratio of hearts to triangles?

Answers

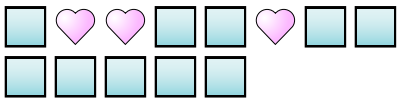
Ex. 3:10

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

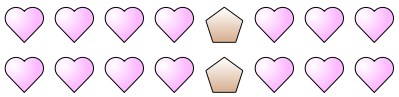
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Solve each problem.

Ex) What is the ratio of hearts to squares?

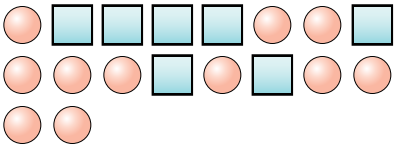


1) What is the ratio of pentagons to hearts?

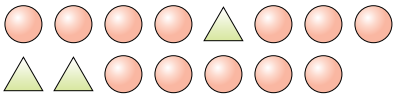


2) What is the ratio of stars to moons?

3) What is the ratio of squares to circles?

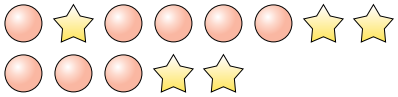


4) What is the ratio of triangles to circles?

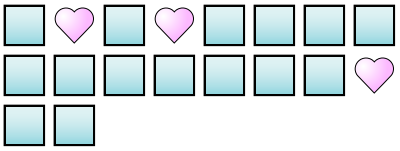


5) What is the ratio of stars to moons?

6) What is the ratio of circles to stars?

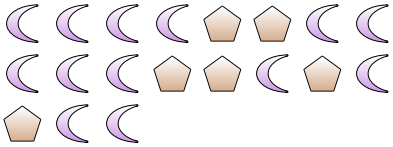


7) What is the ratio of hearts to squares?

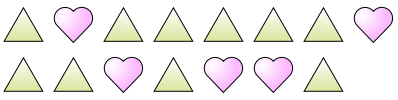


8) What is the ratio of pentagons to hearts?

9) What is the ratio of pentagons to moons?



10) What is the ratio of hearts to triangles?



11) What is the ratio of hearts to triangles?

Answers

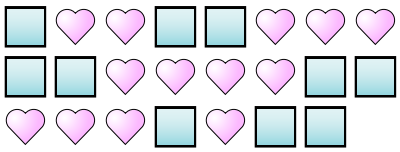
Ex. 3:10

1. 2:14
2. 10:3
3. 7:11
4. 3:12
5. 9:3
6. 8:5
7. 3:15
8. 4:7
9. 6:13
10. 5:10
11. 11:4

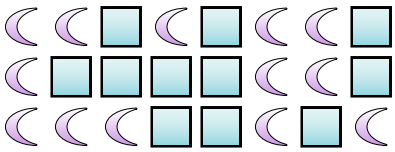
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Solve each problem.

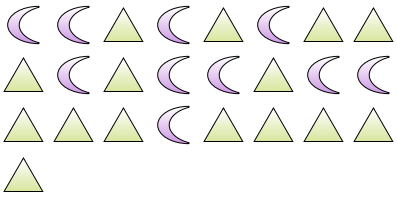
Ex) What is the ratio of hearts to squares?



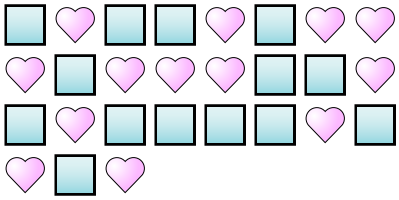
1) What is the ratio of squares to moons?



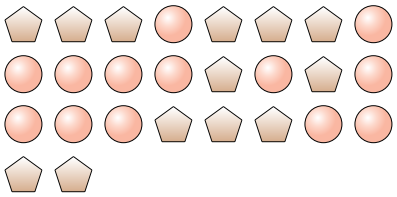
2) What is the ratio of moons to triangles?



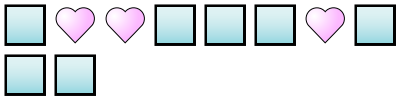
3) What is the ratio of squares to hearts?



4) What is the ratio of circles to pentagons?



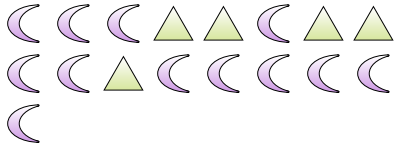
5) What is the ratio of hearts to squares?



6) What is the ratio of hearts to moons?

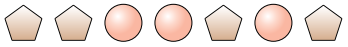
7) What is the ratio of pentagons to stars?

8) What is the ratio of triangles to moons?



9) What is the ratio of hearts to stars?

10) What is the ratio of pentagons to circles?



11) What is the ratio of stars to squares?

Answers

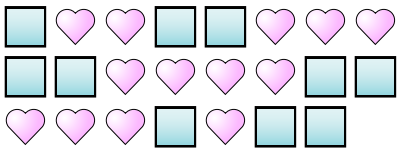
Ex. 13:10

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

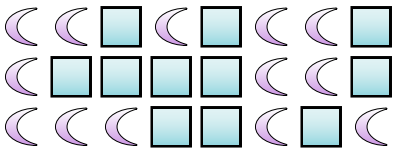
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Solve each problem.

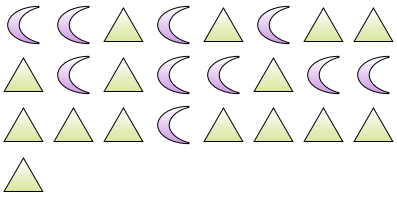
Ex) What is the ratio of hearts to squares?



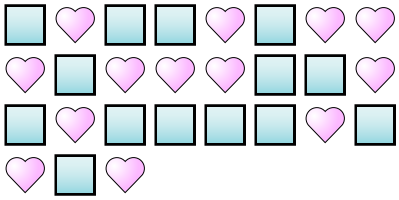
1) What is the ratio of squares to moons?



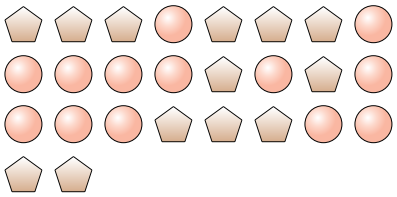
2) What is the ratio of moons to triangles?



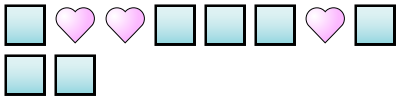
3) What is the ratio of squares to hearts?



4) What is the ratio of circles to pentagons?



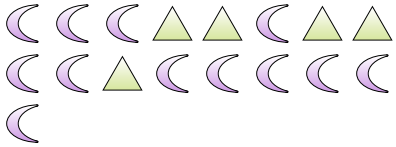
5) What is the ratio of hearts to squares?



6) What is the ratio of hearts to moons?

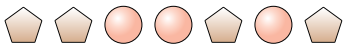
7) What is the ratio of pentagons to stars?

8) What is the ratio of triangles to moons?



9) What is the ratio of hearts to stars?

10) What is the ratio of pentagons to circles?



11) What is the ratio of stars to squares?

Answers

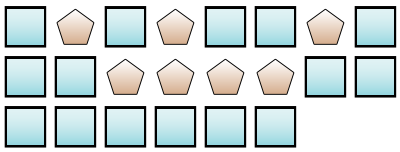
Ex. 13:10

1. 11:13
2. 10:15
3. 14:13
4. 13:13
5. 3:7
6. 6:11
7. 8:12
8. 5:12
9. 12:2
10. 4:3
11. 6:9

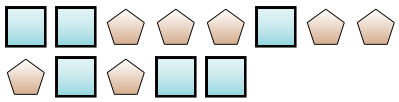
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Solve each problem.

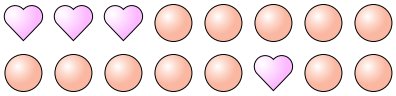
Ex) What is the ratio of pentagons to squares?



1) What is the ratio of pentagons to squares?

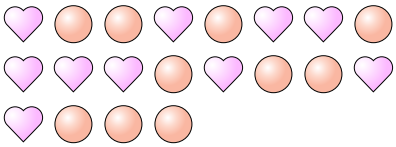


2) What is the ratio of hearts to circles?

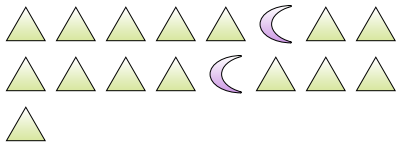


3) What is the ratio of stars to hearts?

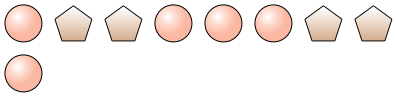
4) What is the ratio of hearts to circles?



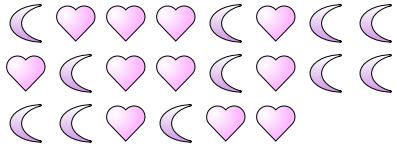
5) What is the ratio of moons to triangles?



6) What is the ratio of pentagons to circles?

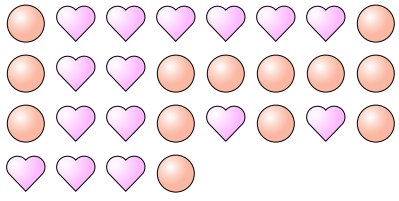


7) What is the ratio of hearts to moons?

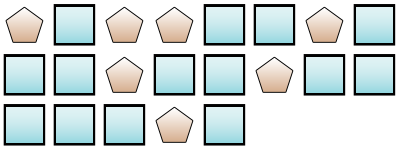


8) What is the ratio of triangles to hearts?

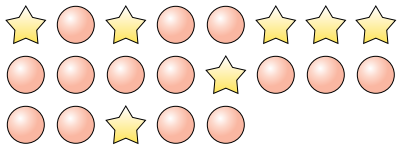
9) What is the ratio of hearts to circles?



10) What is the ratio of squares to pentagons?



11) What is the ratio of circles to stars?



Answers

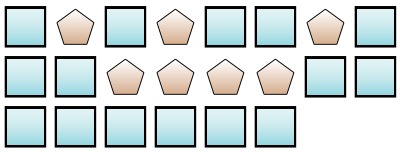
Ex. 7:15

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

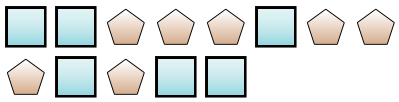
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Solve each problem.

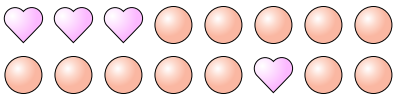
Ex) What is the ratio of pentagons to squares?



1) What is the ratio of pentagons to squares?

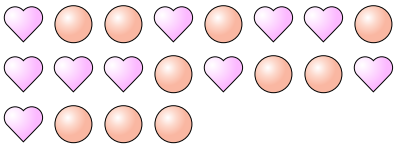


2) What is the ratio of hearts to circles?

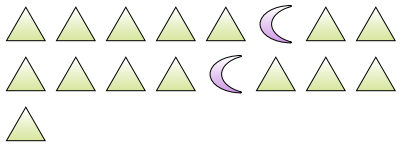


3) What is the ratio of stars to hearts?

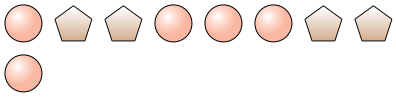
4) What is the ratio of hearts to circles?



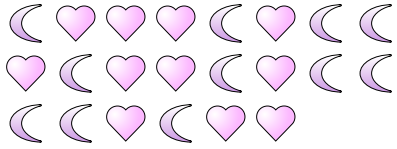
5) What is the ratio of moons to triangles?



6) What is the ratio of pentagons to circles?

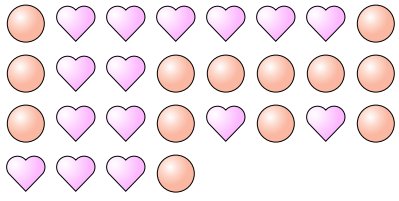


7) What is the ratio of hearts to moons?

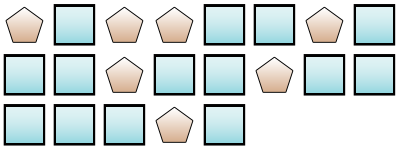


8) What is the ratio of triangles to hearts?

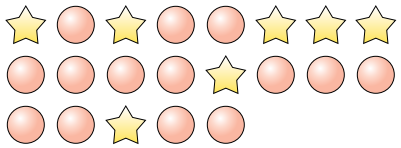
9) What is the ratio of hearts to circles?



10) What is the ratio of squares to pentagons?



11) What is the ratio of circles to stars?



Answers

Ex. 7:15

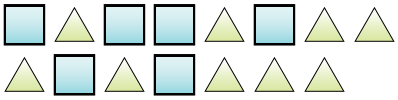
1. 7:6
2. 4:12
3. 7:11
4. 10:10
5. 2:15
6. 4:5
7. 11:11
8. 2:5
9. 15:13
10. 14:7
11. 14:7

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

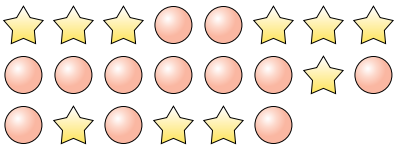
Solve each problem.

Ex) What is the ratio of moons to stars?

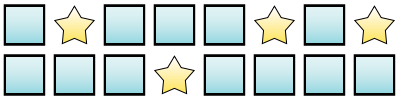
1) What is the ratio of squares to triangles?



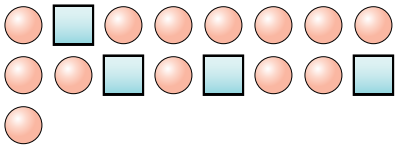
2) What is the ratio of stars to circles?



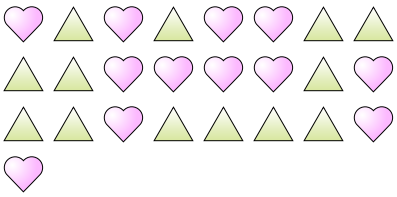
3) What is the ratio of stars to squares?



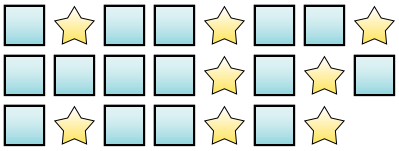
4) What is the ratio of circles to squares?



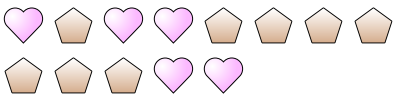
5) What is the ratio of triangles to hearts?



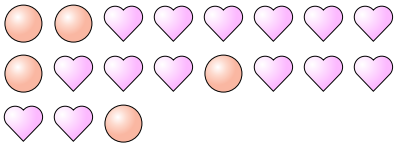
6) What is the ratio of stars to squares?



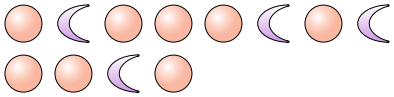
7) What is the ratio of pentagons to hearts?



8) What is the ratio of circles to hearts?

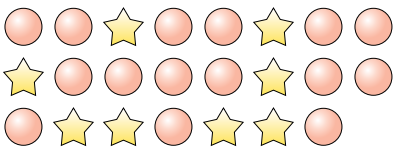


9) What is the ratio of moons to circles?



10) What is the ratio of moons to stars?

11) What is the ratio of stars to circles?



Answers

Ex. 8:4

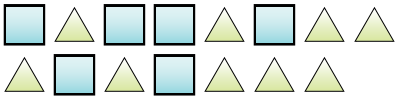
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

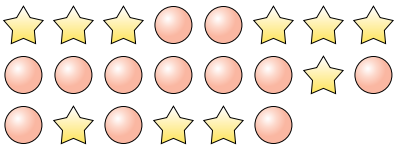
Solve each problem.

Ex) What is the ratio of moons to stars?

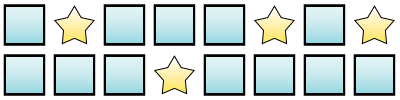
1) What is the ratio of squares to triangles?



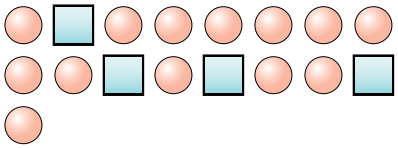
2) What is the ratio of stars to circles?



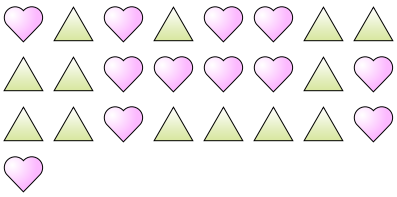
3) What is the ratio of stars to squares?



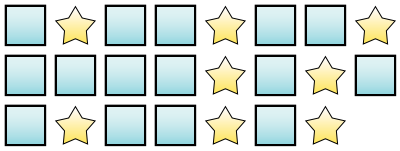
4) What is the ratio of circles to squares?



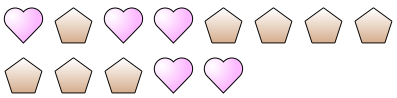
5) What is the ratio of triangles to hearts?



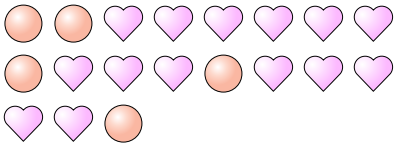
6) What is the ratio of stars to squares?



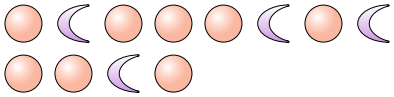
7) What is the ratio of pentagons to hearts?



8) What is the ratio of circles to hearts?

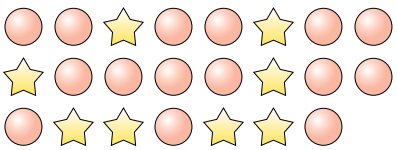


9) What is the ratio of moons to circles?



10) What is the ratio of moons to stars?

11) What is the ratio of stars to circles?



Answers

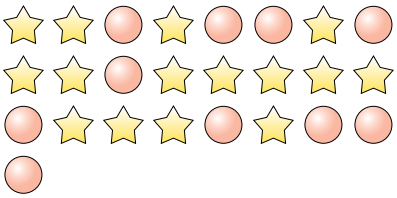
Ex. 8:4

1. 6:9
2. 10:12
3. 4:12
4. 13:4
5. 13:12
6. 8:15
7. 8:5
8. 5:14
9. 4:8
10. 12:12
11. 8:15

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

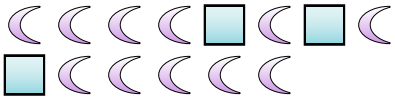
Solve each problem.

Ex) What is the ratio of circles to stars?

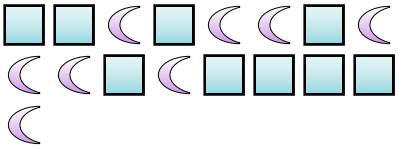


1) What is the ratio of stars to moons?

2) What is the ratio of squares to moons?

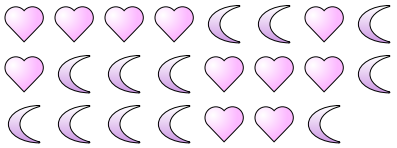


3) What is the ratio of moons to squares?

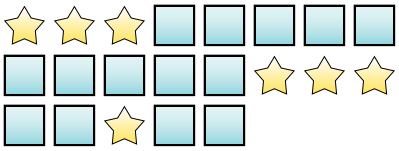


4) What is the ratio of pentagons to stars?

5) What is the ratio of moons to hearts?

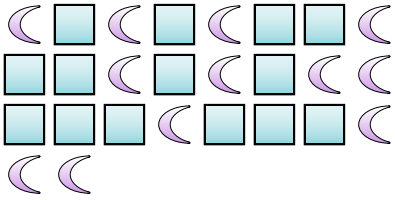


6) What is the ratio of squares to stars?

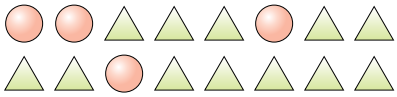


7) What is the ratio of hearts to stars?

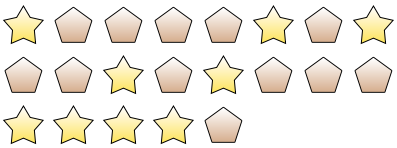
8) What is the ratio of moons to squares?



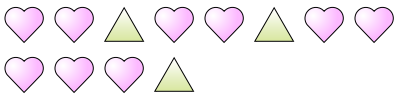
9) What is the ratio of circles to triangles?



10) What is the ratio of stars to pentagons?



11) What is the ratio of hearts to triangles?



Answers

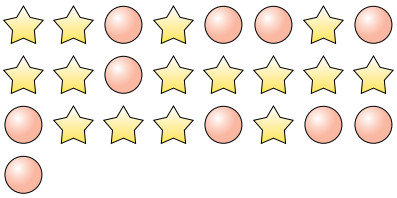
Ex. 10:15

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

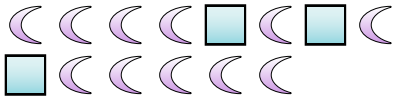
Solve each problem.

Ex) What is the ratio of circles to stars?

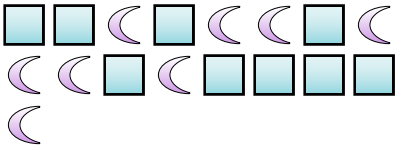


1) What is the ratio of stars to moons?

2) What is the ratio of squares to moons?

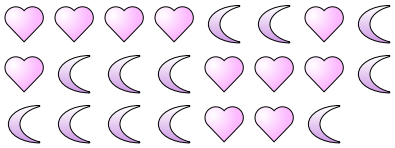


3) What is the ratio of moons to squares?

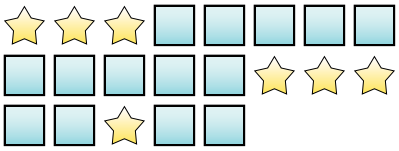


4) What is the ratio of pentagons to stars?

5) What is the ratio of moons to hearts?

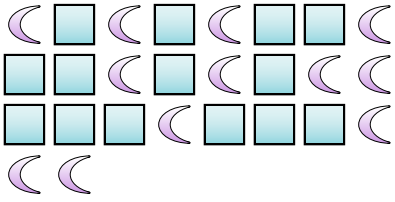


6) What is the ratio of squares to stars?

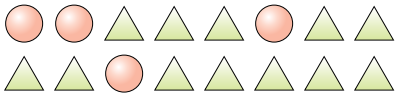


7) What is the ratio of hearts to stars?

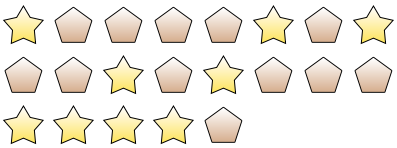
8) What is the ratio of moons to squares?



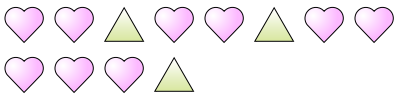
9) What is the ratio of circles to triangles?



10) What is the ratio of stars to pentagons?



11) What is the ratio of hearts to triangles?



Answers

Ex. 10:15

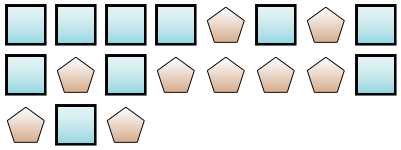
1. 7:8
2. 3:11
3. 8:9
4. 9:9
5. 12:11
6. 14:7
7. 8:3
8. 12:14
9. 4:12
10. 9:12
11. 9:3

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Solve each problem.

Ex) What is the ratio of squares to stars?

1) What is the ratio of pentagons to squares?

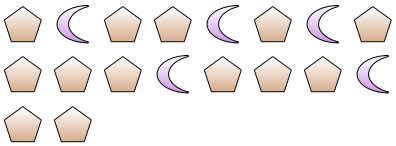


2) What is the ratio of stars to squares?

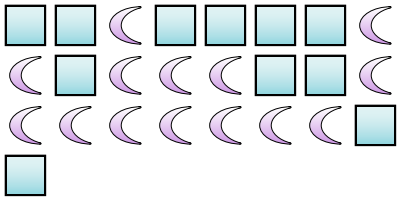
3) What is the ratio of hearts to moons?

4) What is the ratio of triangles to stars?

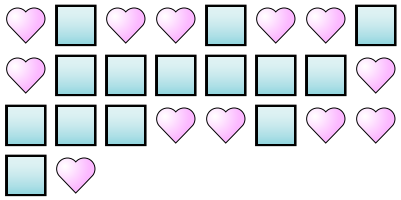
5) What is the ratio of moons to pentagons?



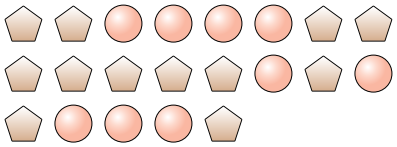
6) What is the ratio of squares to moons?



7) What is the ratio of hearts to squares?

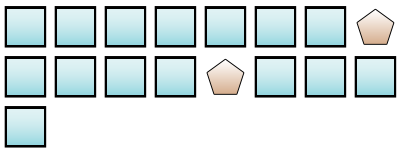


8) What is the ratio of circles to pentagons?

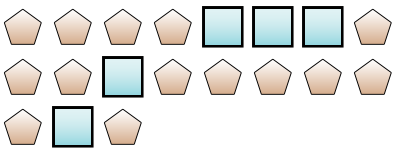


9) What is the ratio of hearts to squares?

10) What is the ratio of pentagons to squares?



11) What is the ratio of pentagons to squares?



Answers

Ex. 2:5

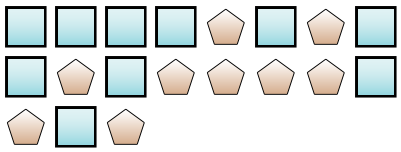
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Solve each problem.

Ex) What is the ratio of squares to stars?

1) What is the ratio of pentagons to squares?

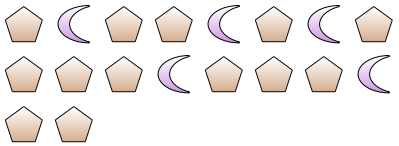


2) What is the ratio of stars to squares?

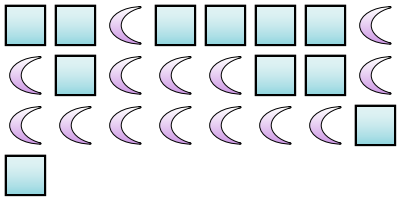
3) What is the ratio of hearts to moons?

4) What is the ratio of triangles to stars?

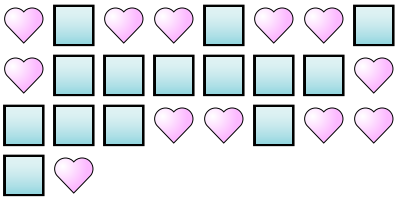
5) What is the ratio of moons to pentagons?



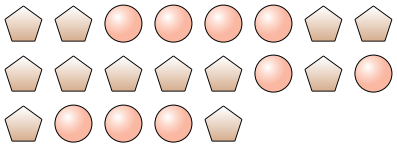
6) What is the ratio of squares to moons?



7) What is the ratio of hearts to squares?

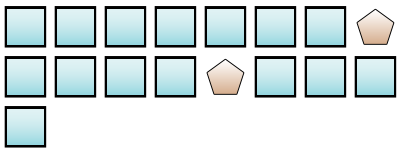


8) What is the ratio of circles to pentagons?

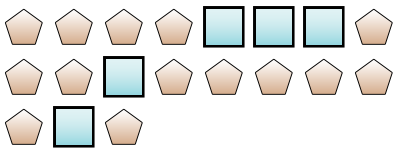


9) What is the ratio of hearts to squares?

10) What is the ratio of pentagons to squares?



11) What is the ratio of pentagons to squares?



Answers

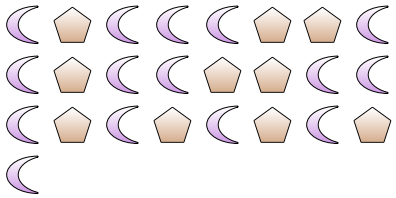
Ex. 2:5

1. 9:10
2. 15:7
3. 3:15
4. 11:11
5. 5:13
6. 11:14
7. 12:14
8. 9:12
9. 8:3
10. 2:15
11. 14:5

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

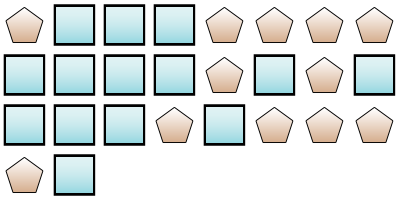
Solve each problem.

Ex) What is the ratio of moons to pentagons?

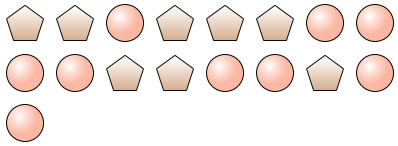


1) What is the ratio of moons to triangles?

2) What is the ratio of squares to pentagons?

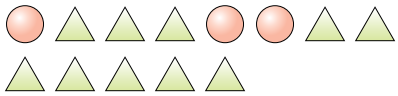


3) What is the ratio of pentagons to circles?



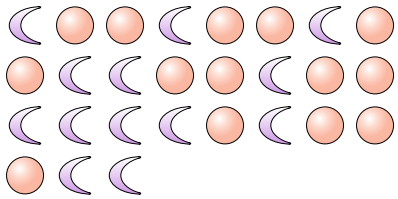
4) What is the ratio of hearts to stars?

5) What is the ratio of triangles to circles?

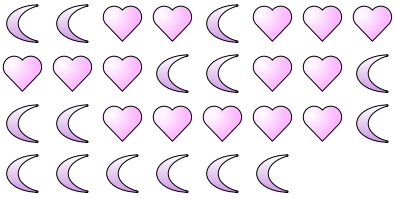


6) What is the ratio of stars to hearts?

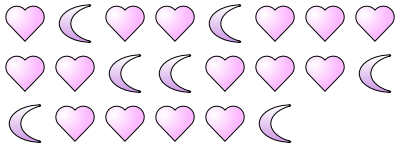
7) What is the ratio of circles to moons?



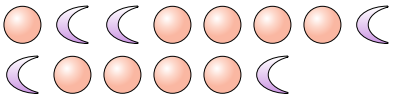
8) What is the ratio of moons to hearts?



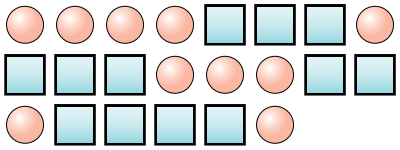
9) What is the ratio of moons to hearts?



10) What is the ratio of moons to circles?



11) What is the ratio of circles to squares?



Answers

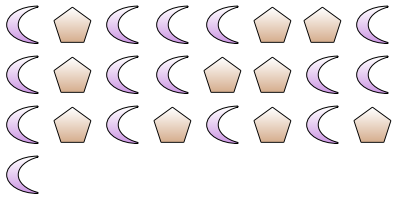
Ex. 15:10

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

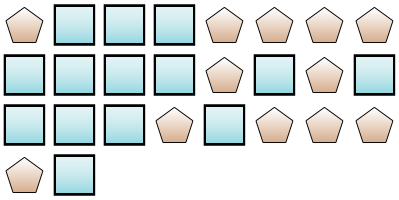
Solve each problem.

Ex) What is the ratio of moons to pentagons?

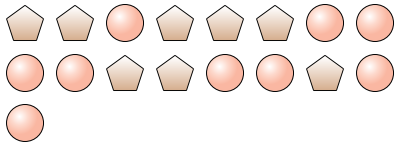


1) What is the ratio of moons to triangles?

2) What is the ratio of squares to pentagons?

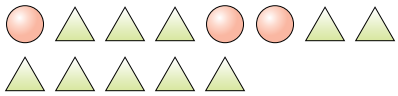


3) What is the ratio of pentagons to circles?



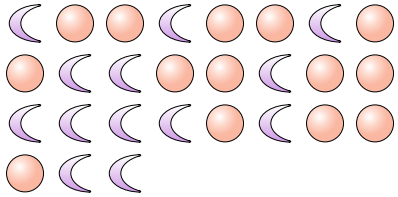
4) What is the ratio of hearts to stars?

5) What is the ratio of triangles to circles?

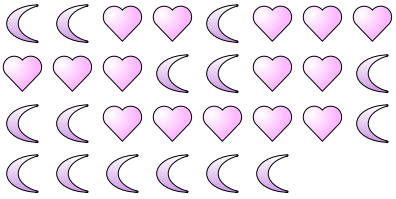


6) What is the ratio of stars to hearts?

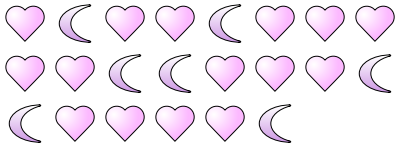
7) What is the ratio of circles to moons?



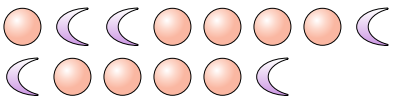
8) What is the ratio of moons to hearts?



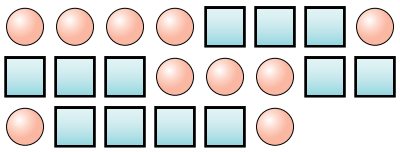
9) What is the ratio of moons to hearts?



10) What is the ratio of moons to circles?



11) What is the ratio of circles to squares?



Answers

Ex. 15:10

1. 5:7
2. 14:12
3. 8:9
4. 8:15
5. 10:3
6. 7:5
7. 14:13
8. 15:15
9. 7:15
10. 5:9
11. 10:12

1-10	91	82	73	64	55	45	36	27	18	9
11	0									