



Use the grid patterns to answer each question. Each  $\square = 1$  square unit.

**Answers**

1st                      2nd                      3rd                      4th



1. \_\_\_\_\_

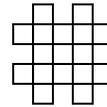
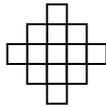
2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

- 1) If the pattern above continues what will be the area of the 6th grid?
- 2) If the pattern above continues what will be the area of the 7th grid?

1st                      2nd                      3rd                      4th



5. \_\_\_\_\_

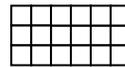
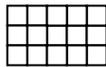
6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

- 3) If the pattern above continues what will be the area of the 5th grid?
- 4) If the pattern above continues what will be the area of the 8th grid?

1st                      2nd                      3rd                      4th



9. \_\_\_\_\_

10. \_\_\_\_\_

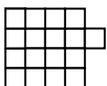
- 5) If the pattern above continues what will be the area of the 6th grid?
- 6) If the pattern above continues what will be the area of the 7th grid?

1st                      2nd                      3rd                      4th



- 7) If the pattern above continues what will be the area of the 5th grid?
- 8) If the pattern above continues what will be the area of the 7th grid?

1st                      2nd                      3rd                      4th



- 9) If the pattern above continues what will be the area of the 5th grid?
- 10) If the pattern above continues what will be the area of the 6th grid?



Use the grid patterns to answer each question. Each  $\square = 1$  square unit.

Answers

1st                      2nd                      3rd                      4th



1. 22

2. 26

- 1) If the pattern above continues what will be the area of the 6th grid?
- 2) If the pattern above continues what will be the area of the 7th grid?

3. 21

4. 33

1st                      2nd                      3rd                      4th



5. 24

6. 27

- 3) If the pattern above continues what will be the area of the 5th grid?
- 4) If the pattern above continues what will be the area of the 8th grid?

7. 13

8. 19

1st                      2nd                      3rd                      4th



9. 9

10. 7

- 5) If the pattern above continues what will be the area of the 6th grid?
- 6) If the pattern above continues what will be the area of the 7th grid?

1st                      2nd                      3rd                      4th



- 7) If the pattern above continues what will be the area of the 5th grid?
- 8) If the pattern above continues what will be the area of the 7th grid?

1st                      2nd                      3rd                      4th



- 9) If the pattern above continues what will be the area of the 5th grid?
- 10) If the pattern above continues what will be the area of the 6th grid?



Use the grid patterns to answer each question. Each  $\square = 1$  square unit.

Answers

1st                      2nd                      3rd                      4th



1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

- 1) If the pattern above continues what will be the area of the 7th grid?
- 2) If the pattern above continues what will be the area of the 8th grid?

4. \_\_\_\_\_

5. \_\_\_\_\_

1st                      2nd                      3rd                      4th



5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

- 3) If the pattern above continues what will be the area of the 7th grid?
- 4) If the pattern above continues what will be the area of the 8th grid?

8. \_\_\_\_\_

9. \_\_\_\_\_

1st                      2nd                      3rd                      4th



9. \_\_\_\_\_

10. \_\_\_\_\_

- 5) If the pattern above continues what will be the area of the 7th grid?
- 6) If the pattern above continues what will be the area of the 8th grid?

1st                      2nd                      3rd                      4th

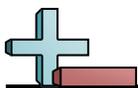


- 7) If the pattern above continues what will be the area of the 6th grid?
- 8) If the pattern above continues what will be the area of the 8th grid?

1st                      2nd                      3rd                      4th



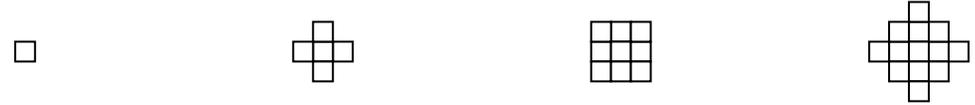
- 9) If the pattern above continues what will be the area of the 6th grid?
- 10) If the pattern above continues what will be the area of the 8th grid?



Use the grid patterns to answer each question. Each  $\square = 1$  square unit.

Answers

1st                      2nd                      3rd                      4th



1. 25

2. 29

- If the pattern above continues what will be the area of the 7th grid?
- If the pattern above continues what will be the area of the 8th grid?

3. 16

4. 18

1st                      2nd                      3rd                      4th



5. 15

6. 17

- If the pattern above continues what will be the area of the 7th grid?
- If the pattern above continues what will be the area of the 8th grid?

7. 10

8. 6

1st                      2nd                      3rd                      4th



9. 32

10. 40

- If the pattern above continues what will be the area of the 7th grid?
- If the pattern above continues what will be the area of the 8th grid?

1st                      2nd                      3rd                      4th



- If the pattern above continues what will be the area of the 6th grid?
- If the pattern above continues what will be the area of the 8th grid?

1st                      2nd                      3rd                      4th



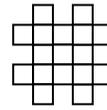
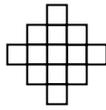
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- If the pattern above continues what will be the area of the 8th grid?



Use the grid patterns to answer each question. Each  $\square = 1$  square unit.

**Answers**

1st                      2nd                      3rd                      4th



1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

- If the pattern above continues what will be the area of the 5th grid?
- If the pattern above continues what will be the area of the 6th grid?

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

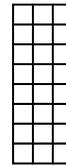
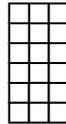
7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

1st                      2nd                      3rd                      4th



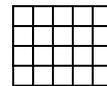
- If the pattern above continues what will be the area of the 6th grid?
- If the pattern above continues what will be the area of the 8th grid?

1st                      2nd                      3rd                      4th



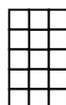
- If the pattern above continues what will be the area of the 5th grid?
- If the pattern above continues what will be the area of the 6th grid?

1st                      2nd                      3rd                      4th



- If the pattern above continues what will be the area of the 5th grid?
- If the pattern above continues what will be the area of the 8th grid?

1st                      2nd                      3rd                      4th



- If the pattern above continues what will be the area of the 5th grid?
- If the pattern above continues what will be the area of the 7th grid?



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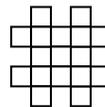
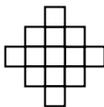
Answers

1st

2nd

3rd

4th



1. 21

2. 25

3. 36

4. 48

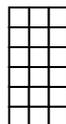
- If the pattern above continues what will be the area of the 5th grid?
- If the pattern above continues what will be the area of the 6th grid?

1st

2nd

3rd

4th



5. 13

6. 16

- If the pattern above continues what will be the area of the 6th grid?
- If the pattern above continues what will be the area of the 8th grid?

1st

2nd

3rd

4th



7. 25

8. 40

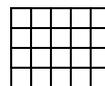
- If the pattern above continues what will be the area of the 5th grid?
- If the pattern above continues what will be the area of the 6th grid?

1st

2nd

3rd

4th



9. 21

10. 27

- If the pattern above continues what will be the area of the 5th grid?
- If the pattern above continues what will be the area of the 8th grid?

1st

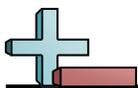
2nd

3rd

4th



- If the pattern above continues what will be the area of the 5th grid?
- If the pattern above continues what will be the area of the 7th grid?



Use the grid patterns to answer each question. Each  $\square = 1$  square unit.

Answers

1st

2nd

3rd

4th



1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

1) If the pattern above continues what will be the area of the 7th grid?

2) If the pattern above continues what will be the area of the 8th grid?

4. \_\_\_\_\_

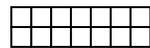
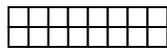
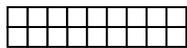
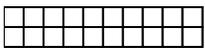
5. \_\_\_\_\_

1st

2nd

3rd

4th



6. \_\_\_\_\_

7. \_\_\_\_\_

3) If the pattern above continues what will be the area of the 5th grid?

4) If the pattern above continues what will be the area of the 7th grid?

8. \_\_\_\_\_

9. \_\_\_\_\_

1st

2nd

3rd

4th



10. \_\_\_\_\_

5) If the pattern above continues what will be the area of the 6th grid?

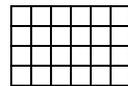
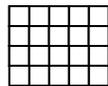
6) If the pattern above continues what will be the area of the 8th grid?

1st

2nd

3rd

4th



7) If the pattern above continues what will be the area of the 5th grid?

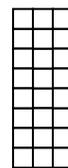
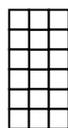
8) If the pattern above continues what will be the area of the 6th grid?

1st

2nd

3rd

4th



9) If the pattern above continues what will be the area of the 6th grid?

10) If the pattern above continues what will be the area of the 8th grid?



Use the grid patterns to answer each question. Each  $\square = 1$  square unit.

Answers

1st                      2nd                      3rd                      4th



1. 16

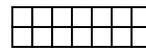
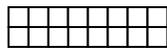
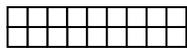
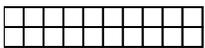
2. 18

- If the pattern above continues what will be the area of the 7th grid?
- If the pattern above continues what will be the area of the 8th grid?

3. 12

4. 8

1st                      2nd                      3rd                      4th



5. 16

6. 22

- If the pattern above continues what will be the area of the 5th grid?
- If the pattern above continues what will be the area of the 7th grid?

7. 28

8. 32

1st                      2nd                      3rd                      4th

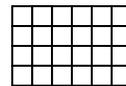
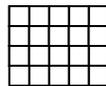


9. 36

10. 48

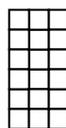
- If the pattern above continues what will be the area of the 6th grid?
- If the pattern above continues what will be the area of the 8th grid?

1st                      2nd                      3rd                      4th

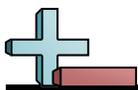


- If the pattern above continues what will be the area of the 5th grid?
- If the pattern above continues what will be the area of the 6th grid?

1st                      2nd                      3rd                      4th



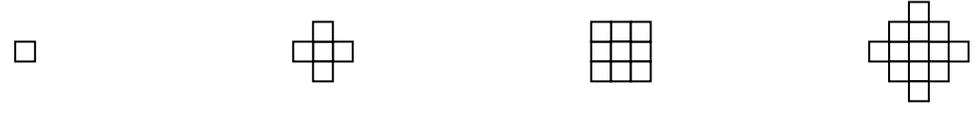
- If the pattern above continues what will be the area of the 6th grid?
- If the pattern above continues what will be the area of the 8th grid?



Use the grid patterns to answer each question. Each  $\square = 1$  square unit.

Answers

1st                      2nd                      3rd                      4th



1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

- 1) If the pattern above continues what will be the area of the 5th grid?
- 2) If the pattern above continues what will be the area of the 8th grid?

1st                      2nd                      3rd                      4th



- 3) If the pattern above continues what will be the area of the 6th grid?
- 4) If the pattern above continues what will be the area of the 7th grid?

1st                      2nd                      3rd                      4th



- 5) If the pattern above continues what will be the area of the 5th grid?
- 6) If the pattern above continues what will be the area of the 7th grid?

1st                      2nd                      3rd                      4th



- 7) If the pattern above continues what will be the area of the 6th grid?
- 8) If the pattern above continues what will be the area of the 8th grid?

1st                      2nd                      3rd                      4th



- 9) If the pattern above continues what will be the area of the 6th grid?
- 10) If the pattern above continues what will be the area of the 7th grid?



Use the grid patterns to answer each question. Each  $\square = 1$  square unit.

Answers

1st                      2nd                      3rd                      4th



- 1) If the pattern above continues what will be the area of the 5th grid?
- 2) If the pattern above continues what will be the area of the 8th grid?

1. 17

2. 29

3. 10

4. 8

5. 25

6. 35

7. 32

8. 40

9. 14

10. 16

1st                      2nd                      3rd                      4th



- 3) If the pattern above continues what will be the area of the 6th grid?
- 4) If the pattern above continues what will be the area of the 7th grid?

1st                      2nd                      3rd                      4th



- 5) If the pattern above continues what will be the area of the 5th grid?
- 6) If the pattern above continues what will be the area of the 7th grid?

1st                      2nd                      3rd                      4th

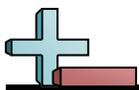


- 7) If the pattern above continues what will be the area of the 6th grid?
- 8) If the pattern above continues what will be the area of the 8th grid?

1st                      2nd                      3rd                      4th



- 9) If the pattern above continues what will be the area of the 6th grid?
- 10) If the pattern above continues what will be the area of the 7th grid?



Use the grid patterns to answer each question. Each  $\square = 1$  square unit.

**Answers**

1st                      2nd                      3rd                      4th



- 1) If the pattern above continues what will be the area of the 6th grid?
- 2) If the pattern above continues what will be the area of the 8th grid?

1st                      2nd                      3rd                      4th



- 3) If the pattern above continues what will be the area of the 5th grid?
- 4) If the pattern above continues what will be the area of the 7th grid?

1st                      2nd                      3rd                      4th



- 5) If the pattern above continues what will be the area of the 6th grid?
- 6) If the pattern above continues what will be the area of the 8th grid?

1st                      2nd                      3rd                      4th



- 7) If the pattern above continues what will be the area of the 7th grid?
- 8) If the pattern above continues what will be the area of the 8th grid?

1st                      2nd                      3rd                      4th



- 9) If the pattern above continues what will be the area of the 5th grid?
- 10) If the pattern above continues what will be the area of the 6th grid?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_



Use the grid patterns to answer each question. Each  $\square = 1$  square unit.

Answers

1st                      2nd                      3rd                      4th



1. 22

- 1) If the pattern above continues what will be the area of the 6th grid?
- 2) If the pattern above continues what will be the area of the 8th grid?

2. 30

3. 12

4. 16

5. 24

6. 30

7. 19

8. 22

9. 17

10. 21

1st                      2nd                      3rd                      4th



- 3) If the pattern above continues what will be the area of the 5th grid?
- 4) If the pattern above continues what will be the area of the 7th grid?

1st                      2nd                      3rd                      4th



- 5) If the pattern above continues what will be the area of the 6th grid?
- 6) If the pattern above continues what will be the area of the 8th grid?

1st                      2nd                      3rd                      4th

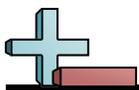


- 7) If the pattern above continues what will be the area of the 7th grid?
- 8) If the pattern above continues what will be the area of the 8th grid?

1st                      2nd                      3rd                      4th



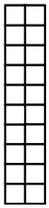
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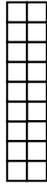
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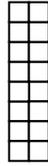
1st



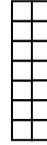
2nd



3rd



4th



- 1) If the pattern above continues what will be the area of the 6th grid?
- 2) If the pattern above continues what will be the area of the 8th grid?

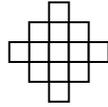
1st



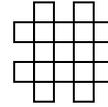
2nd



3rd



4th



- 3) If the pattern above continues what will be the area of the 5th grid?
- 4) If the pattern above continues what will be the area of the 7th grid?

1st



2nd



3rd

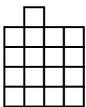


4th



- 5) If the pattern above continues what will be the area of the 5th grid?
- 6) If the pattern above continues what will be the area of the 7th grid?

1st



2nd



3rd



4th



- 7) If the pattern above continues what will be the area of the 7th grid?
- 8) If the pattern above continues what will be the area of the 8th grid?

1st



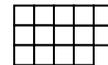
2nd



3rd



4th



- 9) If the pattern above continues what will be the area of the 5th grid?
- 10) If the pattern above continues what will be the area of the 8th grid?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



Use the grid patterns to answer each question. Each  $\square = 1$  square unit.

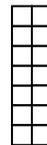
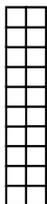
Answers

1st

2nd

3rd

4th



- 1) If the pattern above continues what will be the area of the 6th grid?
- 2) If the pattern above continues what will be the area of the 8th grid?

1. 10

2. 6

3. 21

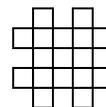
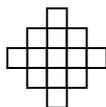
4. 29

1st

2nd

3rd

4th



- 3) If the pattern above continues what will be the area of the 5th grid?
- 4) If the pattern above continues what will be the area of the 7th grid?

5. 11

6. 15

7. 5

8. 3

1st

2nd

3rd

4th



- 5) If the pattern above continues what will be the area of the 5th grid?
- 6) If the pattern above continues what will be the area of the 7th grid?

9. 18

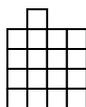
10. 30

1st

2nd

3rd

4th



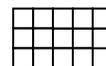
- 7) If the pattern above continues what will be the area of the 7th grid?
- 8) If the pattern above continues what will be the area of the 8th grid?

1st

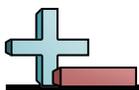
2nd

3rd

4th



- 9) If the pattern above continues what will be the area of the 5th grid?
- 10) If the pattern above continues what will be the area of the 8th grid?



Use the grid patterns to answer each question. Each  $\square = 1$  square unit.

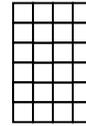
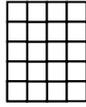
**Answers**

1st

2nd

3rd

4th



1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

- 1) If the pattern above continues what will be the area of the 7th grid?
- 2) If the pattern above continues what will be the area of the 8th grid?

4. \_\_\_\_\_

5. \_\_\_\_\_

1st

2nd

3rd

4th



6. \_\_\_\_\_

- 3) If the pattern above continues what will be the area of the 5th grid?
- 4) If the pattern above continues what will be the area of the 7th grid?

7. \_\_\_\_\_

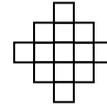
8. \_\_\_\_\_

1st

2nd

3rd

4th



9. \_\_\_\_\_

10. \_\_\_\_\_

- 5) If the pattern above continues what will be the area of the 5th grid?
- 6) If the pattern above continues what will be the area of the 7th grid?

1st

2nd

3rd

4th



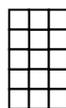
- 7) If the pattern above continues what will be the area of the 6th grid?
- 8) If the pattern above continues what will be the area of the 8th grid?

1st

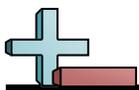
2nd

3rd

4th



- 9) If the pattern above continues what will be the area of the 7th grid?
- 10) If the pattern above continues what will be the area of the 8th grid?



Use the grid patterns to answer each question. Each  $\square = 1$  square unit.

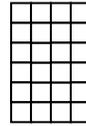
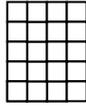
Answers

1st

2nd

3rd

4th



1. 36

2. 40

- 1) If the pattern above continues what will be the area of the 7th grid?
- 2) If the pattern above continues what will be the area of the 8th grid?

3. 13

4. 19

1st

2nd

3rd

4th



5. 17

6. 25

- 3) If the pattern above continues what will be the area of the 5th grid?
- 4) If the pattern above continues what will be the area of the 7th grid?

7. 14

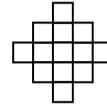
8. 18

1st

2nd

3rd

4th



9. 27

10. 30

- 5) If the pattern above continues what will be the area of the 5th grid?
- 6) If the pattern above continues what will be the area of the 7th grid?

1st

2nd

3rd

4th



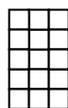
- 7) If the pattern above continues what will be the area of the 6th grid?
- 8) If the pattern above continues what will be the area of the 8th grid?

1st

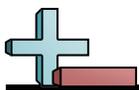
2nd

3rd

4th



- 9) If the pattern above continues what will be the area of the 7th grid?
- 10) If the pattern above continues what will be the area of the 8th grid?



Use the grid patterns to answer each question. Each  $\square = 1$  square unit.

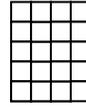
**Answers**

1st

2nd

3rd

4th



1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

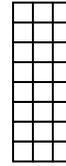
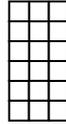
- 1) If the pattern above continues what will be the area of the 5th grid?
- 2) If the pattern above continues what will be the area of the 7th grid?

1st

2nd

3rd

4th



5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

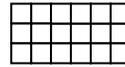
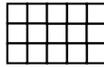
- 3) If the pattern above continues what will be the area of the 6th grid?
- 4) If the pattern above continues what will be the area of the 8th grid?

1st

2nd

3rd

4th



9. \_\_\_\_\_

10. \_\_\_\_\_

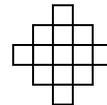
- 5) If the pattern above continues what will be the area of the 5th grid?
- 6) If the pattern above continues what will be the area of the 7th grid?

1st

2nd

3rd

4th



- 7) If the pattern above continues what will be the area of the 5th grid?
- 8) If the pattern above continues what will be the area of the 6th grid?

1st

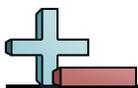
2nd

3rd

4th



- 9) If the pattern above continues what will be the area of the 5th grid?
- 10) If the pattern above continues what will be the area of the 7th grid?



Use the grid patterns to answer each question. Each  $\square = 1$  square unit.

Answers

1st                      2nd                      3rd                      4th



1. 25

2. 35

3. 36

4. 48

- 1) If the pattern above continues what will be the area of the 5th grid?
- 2) If the pattern above continues what will be the area of the 7th grid?

1st                      2nd                      3rd                      4th



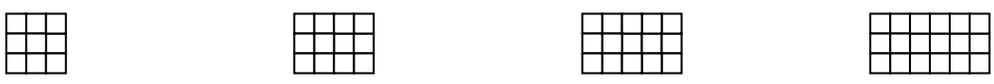
5. 21

6. 27

7. 17

- 3) If the pattern above continues what will be the area of the 6th grid?
- 4) If the pattern above continues what will be the area of the 8th grid?

1st                      2nd                      3rd                      4th

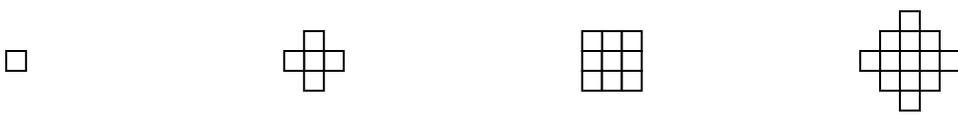


9. 11

10. 15

- 5) If the pattern above continues what will be the area of the 5th grid?
- 6) If the pattern above continues what will be the area of the 7th grid?

1st                      2nd                      3rd                      4th



- 7) If the pattern above continues what will be the area of the 5th grid?
- 8) If the pattern above continues what will be the area of the 6th grid?

1st                      2nd                      3rd                      4th



- 9) If the pattern above continues what will be the area of the 5th grid?
- 10) If the pattern above continues what will be the area of the 7th grid?



Use the grid patterns to answer each question. Each  $\square = 1$  square unit.

**Answers**

1st                      2nd                      3rd                      4th



1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

- 1) If the pattern above continues what will be the area of the 5th grid?
- 2) If the pattern above continues what will be the area of the 6th grid?

1st                      2nd                      3rd                      4th



5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

- 3) If the pattern above continues what will be the area of the 5th grid?
- 4) If the pattern above continues what will be the area of the 6th grid?

1st                      2nd                      3rd                      4th



9. \_\_\_\_\_

10. \_\_\_\_\_

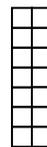
- 5) If the pattern above continues what will be the area of the 6th grid?
- 6) If the pattern above continues what will be the area of the 8th grid?

1st                      2nd                      3rd                      4th



- 7) If the pattern above continues what will be the area of the 7th grid?
- 8) If the pattern above continues what will be the area of the 8th grid?

1st                      2nd                      3rd                      4th



- 9) If the pattern above continues what will be the area of the 5th grid?
- 10) If the pattern above continues what will be the area of the 6th grid?



Use the grid patterns to answer each question. Each  $\square = 1$  square unit.

Answers

1st

2nd

3rd

4th



1. 11

2. 13

3. 12

- If the pattern above continues what will be the area of the 5th grid?
- If the pattern above continues what will be the area of the 6th grid?

4. 14

5. 16

1st

2nd

3rd

4th



6. 22

- If the pattern above continues what will be the area of the 5th grid?
- If the pattern above continues what will be the area of the 6th grid?

7. 21

8. 24

1st

2nd

3rd

4th



9. 18

10. 22

- If the pattern above continues what will be the area of the 6th grid?
- If the pattern above continues what will be the area of the 8th grid?

1st

2nd

3rd

4th



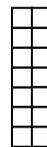
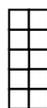
- If the pattern above continues what will be the area of the 7th grid?
- If the pattern above continues what will be the area of the 8th grid?

1st

2nd

3rd

4th



- If the pattern above continues what will be the area of the 5th grid?
- If the pattern above continues what will be the area of the 6th grid?