Solve each problem.

1) At a pet store the ratio of cats to dogs sold was 10 : 3. If there were 20 cats that were sold, how many dogs were sold?

1. _____

2. _____

2) A fast food restaurant sold 40 burgers with cheese. If the ratio of burgers sold with cheese compared to without cheese was 10 : 7, how many burgers did they sell total?

3. _____

4. _____

3) A student bought 35 pencils for school. If he sharpened 10 of the pencils before school, what is his ratio of unsharpened pencils to sharpened pencils?

5. _____

6. _____

4) During Christmas a book store sold 36 books. If the ratio of books to bookmarks sold was 9 : 5, how many bookmarks did the store sell?

7. _____

8. _____

5) A pet store sold 63 siamese cats. If the ratio of siamese cats to house cats sold was 7 : 1, what is the combined amount of cats sold?

9. _____

10. _____

6) Ned spent 55 minutes completing a race. He walked 25 minutes and jogged the rest. What is the ratio of time he jogged to time he walked?

7) At a farm the ratio of cows to horses was 4 : 1. If there were 8 cows at the farm, how many horses were there?

8) At a restaurant the ratio of kids meals sold to adult meals sold was 10 : 1. If there were 20 kids meals sold, what is the combined amount of kids and adult meals sold?

9) A restaurant offers diet soda and regular soda. In one day they sold 36 sodas. If 8 of the sodas they sold were diet, what is the ratio of regular sodas sold to diet sodas sold?

10) A vendor sold 28 hotdogs during a football game. If the ratio of hotdogs to hamburgers sold was 7 : 5, how many hamburgers did the vendor sell?

Name:

Solve each problem.

Answers

1) At a pet store the ratio of cats to dogs sold was 10 : 3. If there were 20 cats that were sold, how many dogs were sold?

1. _____ **6** _____

2. _____ **68** _____

2) A fast food restaurant sold 40 burgers with cheese. If the ratio of burgers sold with cheese compared to without cheese was 10 : 7, how many burgers did they sell total?

3. _____ **5 : 2** _____

4. _____ **20** _____

3) A student bought 35 pencils for school. If he sharpened 10 of the pencils before school, what is his ratio of unsharpened pencils to sharpened pencils?

5. _____ **72** _____

6. _____ **6 : 5** _____

4) During Christmas a book store sold 36 books. If the ratio of books to bookmarks sold was 9 : 5, how many bookmarks did the store sell?

7. _____ **2** _____

8. _____ **22** _____

5) A pet store sold 63 siamese cats. If the ratio of siamese cats to house cats sold was 7 : 1, what is the combined amount of cats sold?

9. _____ **7 : 2** _____

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1-10	90	80	70	60	50	40	30	20	10	0

Math

6rp3c

Solve each problem.

6	20	2	68	6 : 5
72	20	7 : 2	22	5 : 2

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

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