Due Thurs.

Solve each problem.

Answer Choices:

9	35	2	15	6
3	6	72	7	9

Answer

1) There were 45 adults in line at a movie theater. That is 5 times the number of children in line. How many children were in line?

2) For every room in a hotel there are 8 light bulbs. If a hotel has 9 rooms how many light bulbs are there?

3) A restaurant sold 6 salads and 36 steaks. How many times as many steaks did they sell as salads?

4) Oliver had 5 pictures on his Facebook page. Debby had 3 times as many pics as Oliver. How many pics did Debby have?

5) A store has 18 diet sodas, which is 3 times the number of regular sodas they have. How many regular sodas do they have?

6) There were 5 adults in line at a movie theater and 7 times as many children. How many children were in line?

7) At the soda shop they sold 21 hotdogs on Monday, 3 times as many as they sold on Tuesday. How many hotdogs did they sell on Tuesday?

8) At the ring toss booth in a carnival 6 times as many people lost as won. If 12 people lost, how many people won?

9) A pet store sold 18 cats and 6 dogs. How many times more cats did they sell than dogs?

10) In college a math book costs 72 dollars and a history book costs 8 dollars. The math book is how many times more expensive than a history book?

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

e each problem. **use lattice, grid, distributive, or partial product!** Answers

Answer choices:

2,928	2,448	1,023	4,697	1,344
8,277	3,036	1,666	2,600	1,860

1. _____

3. _____

1) A toy store sold 93 video games in one day. If each game cost 20 dollars, how much money did they make?

5. _____

3) Will was placing his spare change into stacks. Each stack had 48 coins. If he had 51 stacks, how many coins did he have all together?

7. _____

9. _____

5) At a school fundraiser the students sold 89 boxes of candy with each box having 93 pieces inside of it. How many pieces of candy did they sell total?

7) Billy's mother had 17 photo albums with 98 pictures in each album. How many pictures did his mother have total?

9) A library checks out 52 books each day. How many books would they have checked out after 50 days?

Dividing Whole Numbers

Choose any 5 problems to complete!

1)

2 | 8 2 5

2)

9 | 8 1 3

3)

7 | 3 8 7

1. _____

2. _____

3. _____

4. _____

5. _____

4)

6 | 7 1 6

5)

7 | 6 2 7

6)

4 | 8 2 6

6. _____

7. _____

8. _____

9. _____

10. _____

7)

8 | 6 1 4

8)

5 | 4 3 3

9)

5 | 6 1 3

11. _____

12. _____

10)

8 | 8 2 9

11)

8 | 5 2 6

12)

3 | 1 5 5

Due Friday!

in the fractions to determine the answers.

Answers

$\frac{2}{4} \times 3 =$

To solve multiplication problems with fractions one strategy is to think of them as addition problems. For example the problem above is the same as:
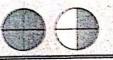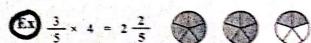
$$\frac{2}{4} + \frac{2}{4} + \frac{2}{4}$$

$\frac{2}{4} \times 3 =$

If we shade in $\frac{2}{4}$ on the fractions below 3 times we can see a visual representation of the problem.

$\frac{2}{4} \times 3 = 1\frac{2}{4}$

After shading it in we can see why $\frac{2}{4}$ three times is equal to 1 whole and $\frac{2}{4}$.

Ex. ___ $2\frac{2}{5}$

1. _____

3. _____

Ex) $\frac{3}{5} \times 4 = 2\frac{2}{5}$

5. _____

1) $\frac{2}{3} \times 6 =$

3) $7 \times \frac{3}{4} =$

7. _____

9. _____

5) $4 \times \frac{6}{9} =$

11. _____

7) $\frac{3}{4} \times 2 =$

9) $7 \times \frac{3}{4} =$

11) $4 \times \frac{5}{7} =$