

**Solve each problem.****Answers**

- 1) A pet store sold thirty-six cats and four dogs. How many times more cats did they sell than dogs?
- 2) A car dealer spent sixty-three dollars on air fresheners, which is seven dollars per car. How many cars does the car dealer have?
- 3) A restaurant had twenty-four items on the menu that were low calories and eight that were high calorie. How many times more low calorie items are there than high calorie?
- 4) Amy sent fifteen text messages a day. Sam sent three a day. How many times as many texts did Amy send than Sam sent?
- 5) Mike was counting his spare change. He had twenty-eight dimes, which is four times the number of quarters he has. How many quarters does Mike have?
- 6) Luke was doing sit-ups. He did fourteen on Tuesday and seven on Monday. How many more sit-ups did he do on Tuesday than he did on Monday?
- 7) Haley had nine times as many dollars as her sister. Haley has seventy-two dollars. How much money does her sister have?
- 8) Katie sent four text messages a day. Victor sent seven times as many texts as Katie. How many texts did Victor send?
- 9) For every room in a hotel there are eight light bulbs. If a hotel has nine rooms how many light bulbs are there?
- 10) Larry's Lawn Care had three customers in the fall. In the summer they have seven times as many customers. How many customers do they have in the summer?
- 11) A restaurant had fourteen items on the menu that were low calories, which is two times the number of high calorie items on the menu. How many high calorie items did they have?
- 12) Tom was doing sit-ups. He did six times as many on Tuesday as he did on Monday. If he did two sit-ups on Monday, how many did he do on Tuesday?

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**Solve each problem.**

			<u>Answers</u>
1)	A pet store sold thirty-six cats and four dogs. How many times more cats did they sell than dogs?	Compare (Number Of Groups Unknown)	1. <u>9</u>
2)	A car dealer spent sixty-three dollars on air fresheners, which is seven dollars per car. How many cars does the car dealer have?	Compare (Group Size Unknown)	2. <u>9</u>
3)	A restaurant had twenty-four items on the menu that were low calories and eight that were high calorie. How many times more low calorie items are there than high calorie?	Compare (Number Of Groups Unknown)	3. <u>3</u>
4)	Amy sent fifteen text messages a day. Sam sent three a day. How many times as many texts did Amy send than Sam sent?	Compare (Number Of Groups Unknown)	4. <u>5</u>
5)	Mike was counting his spare change. He had twenty-eight dimes, which is four times the number of quarters he has. How many quarters does Mike have?	Compare (Group Size Unknown)	5. <u>7</u>
6)	Luke was doing sit-ups. He did fourteen on Tuesday and seven on Monday. How many more sit-ups did he do on Tuesday than he did on Monday?	Compare (Number Of Groups Unknown)	6. <u>2</u>
7)	Haley had nine times as many dollars as her sister. Haley has seventy-two dollars. How much money does her sister have?	Compare (Group Size Unknown)	7. <u>8</u>
8)	Katie sent four text messages a day. Victor sent seven times as many texts as Katie. How many texts did Victor send?	Compare (Unknown Product)	8. <u>28</u>
9)	For every room in a hotel there are eight light bulbs. If a hotel has nine rooms how many light bulbs are there?	Compare (Unknown Product)	9. <u>72</u>
10)	Larry's Lawn Care had three customers in the fall. In the summer they have seven times as many customers. How many customers do they have in the summer?	Compare (Unknown Product)	10. <u>21</u>
11)	A restaurant had fourteen items on the menu that were low calories, which is two times the number of high calorie items on the menu. How many high calorie items did they have?	Compare (Group Size Unknown)	11. <u>7</u>
12)	Tom was doing sit-ups. He did six times as many on Tuesday as he did on Monday. If he did two sit-ups on Monday, how many did he do on Tuesday?	Compare (Unknown Product)	12. <u>12</u>



Solve each problem.

Answers

9

9

21

7

2

3

28

5

72

8

- 1) A pet store sold 36 cats and 4 dogs. How many times more cats did they sell than dogs?
- 2) A car dealer spent 63 dollars on air fresheners, which is 7 dollars per car. How many cars does the car dealer have?
- 3) A restaurant had 24 items on the menu that were low calories and 8 that were high calorie. How many times more low calorie items are there than high calorie?
- 4) Amy sent 15 text messages a day. Sam sent 3 a day. How many times as many texts did Amy send than Sam sent?
- 5) Mike was counting his spare change. He had 28 dimes, which is 4 times the number of quarters he has. How many quarters does Mike have?
- 6) Luke was doing sit-ups. He did 14 on Tuesday and 7 on Monday. How many more sit-ups did he do on Tuesday than he did on Monday?
- 7) Haley had 9 times as many dollars as her sister. Haley has 72 dollars. How much money does her sister have?
- 8) Katie sent 4 text messages a day. Victor sent 7 times as many texts as Katie. How many texts did Victor send?
- 9) For every room in a hotel there are 8 light bulbs. If a hotel has 9 rooms how many light bulbs are there?
- 10) Larry's Lawn Care had 3 customers in the fall. In the summer they have 7 times as many customers. How many customers do they have in the summer?

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