

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

- 1) A store has twenty-one diet sodas and seven regular sodas. How many times more diet sodas did they have than regular sodas?
- 2) At the carnival there are six students selling tickets. If each student sells three tickets, how many tickets would be sold all together?
- 3) Cody was counting his spare change. He had twelve dimes, which is six times the number of quarters he has. How many quarters does Cody have?
- 4) A library checks out three fiction books an hour. They check out eight times as many non-fiction books per hour. How many non-fiction books do they check out per hour?
- 5) A toy store sold two board games. For every board game sold they also sold eight video games. How many video games did they sell?
- 6) There were sixteen adults in line at a movie theater. That is four times the number of children in line. How many children were in line?
- 7) A toy store sold nine board games in one day. If each game cost seven dollars, how much money did they make?
- 8) Billy's mother had nine photo albums with three pictures in each album. How many pictures did his mother have total?
- 9) A flower store has sixteen roses and two tulips. How many times more roses did they have than tulips?
- 10) A pet store sold eight cats. They sold four times as many dogs as they sold cats. How many dogs did they sell?
- 11) Tom had fourteen pictures on his Facebook page while Katie only had seven. Tom had how many times more pictures than Katie?
- 12) At the carnival there were six people in line at the roller coaster and two times as many in line at the Ferris Wheel. How many people were at the Ferris Wheel?

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Solve each problem.

Answers

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| 1) A store has twenty-one diet sodas and seven regular sodas. How many times more diet sodas did they have than regular sodas? Compare - (Number Of Groups Unknown) | 1. <u>3</u> |
| 2) At the carnival there are six students selling tickets. If each student sells three tickets, how many tickets would be sold all together? Equal Groups - (Unknown Product) | 2. <u>18</u> |
| 3) Cody was counting his spare change. He had twelve dimes, which is six times the number of quarters he has. How many quarters does Cody have? Compare - (Group Size Unknown) | 3. <u>2</u> |
| 4) A library checks out three fiction books an hour. They check out eight times as many non-fiction books per hour. How many non-fiction books do they check out per hour? Compare - (Unknown Product) | 4. <u>24</u> |
| 5) A toy store sold two board games. For every board game sold they also sold eight video games. How many video games did they sell? Compare - (Unknown Product) | 5. <u>16</u> |
| 6) There were sixteen adults in line at a movie theater. That is four times the number of children in line. How many children were in line? Compare - (Group Size Unknown) | 6. <u>4</u> |
| 7) A toy store sold nine board games in one day. If each game cost seven dollars, how much money did they make? Equal Groups - (Unknown Product) | 7. <u>63</u> |
| 8) Billy's mother had nine photo albums with three pictures in each album. How many pictures did his mother have total? Equal Groups - (Unknown Product) | 8. <u>27</u> |
| 9) A flower store has sixteen roses and two tulips. How many times more roses did they have than tulips? Compare - (Number Of Groups Unknown) | 9. <u>8</u> |
| 10) A pet store sold eight cats. They sold four times as many dogs as they sold cats. How many dogs did they sell? Compare - (Unknown Product) | 10. <u>32</u> |
| 11) Tom had fourteen pictures on his Facebook page while Katie only had seven. Tom had how many times more pictures than Katie? Compare - (Number Of Groups Unknown) | 11. <u>2</u> |
| 12) At the carnival there were six people in line at the roller coaster and two times as many in line at the Ferris Wheel. How many people were at the Ferris Wheel? Compare - (Unknown Product) | 12. <u>12</u> |



Solve each problem.

16

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32

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27

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63

18

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24

Answers

- 1) A store has 21 diet sodas and 7 regular sodas. How many times more diet sodas did they have than regular sodas?
- 2) At the carnival there are 6 students selling tickets. If each student sells 3 tickets, how many tickets would be sold all together?
- 3) Cody was counting his spare change. He had 12 dimes, which is 6 times the number of quarters he has. How many quarters does Cody have?
- 4) A library checks out 3 fiction books an hour. They check out 8 times as many non-fiction books per hour. How many non-fiction books do they check out per hour?
- 5) A toy store sold 2 board games. For every board game sold they also sold 8 video games. How many video games did they sell?
- 6) There were 16 adults in line at a movie theater. That is 4 times the number of children in line. How many children were in line?
- 7) A toy store sold 9 board games in one day. If each game cost 7 dollars, how much money did they make?
- 8) Billy's mother had 9 photo albums with 3 pictures in each album. How many pictures did his mother have total?
- 9) A flower store has 16 roses and 2 tulips. How many times more roses did they have than tulips?
- 10) A pet store sold 8 cats. They sold 4 times as many dogs as they sold cats. How many dogs did they sell?

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