

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

- 1) There were eighteen adults and two children in line at a movie theater. How many times more adults were in the line than children?
- 2) There were thirty-six adults in line at a movie theater. That is six times the number of children in line. How many children were in line?
- 3) Carol had twelve dollars and her sister had two dollars. How many times more money does Carol have than her sister?
- 4) In college a math book costs seven times as much as a history book. If the history book costs four dollars, how much does the math book cost?
- 5) At the soda shop they sold four hotdogs on Monday. On Tuesday they sold six times as many hotdogs. How many hotdogs did they sell on Tuesday?
- 6) 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?
- 7) A movie theater sold nine tickets on Thursday. The sold six times that many on Saturday. How many tickets did they sell on Saturday?
- 8) Sarah was buying hand towels for her house. She bought eight packs with each pack having six towels in it. How many towels did she buy?
- 9) A pet store sold forty-eight cats, which is eight times as many as the number of dogs they sold. How many dogs did they sell?
- 10) Rachel used sixteen beads to make a necklace and eight to make a bracelet. How many times more beads did she use for a necklace than for a bracelet?
- 11) An architect was building a hotel downtown. He built it nine stories tall with five rooms on each story. How many rooms does the hotel have total?
- 12) Bianca's new computer had thirty-two gigs of memory, four times as much as her old computer. How much memory does her old computer have?

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Solve each problem.

Answers

- 1) There were eighteen adults and two children in line at a movie theater. How many times more adults were in the line than children?
Compare - (Number Of Groups Unknown)
- 2) There were thirty-six adults in line at a movie theater. That is six times the number of children in line. How many children were in line?
Compare - (Group Size Unknown)
- 3) Carol had twelve dollars and her sister had two dollars. How many times more money does Carol have than her sister?
Compare - (Number Of Groups Unknown)
- 4) In college a math book costs seven times as much as a history book. If the history book costs four dollars, how much does the math book cost?
Compare - (Unknown Product)
- 5) At the soda shop they sold four hotdogs on Monday. On Tuesday they sold six times as many hotdogs. How many hotdogs did they sell on Tuesday?
Compare - (Unknown Product)
- 6) 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)
- 7) A movie theater sold nine tickets on Thursday. The sold six times that many on Saturday. How many tickets did they sell on Saturday?
Compare - (Unknown Product)
- 8) Sarah was buying hand towels for her house. She bought eight packs with each pack having six towels in it. How many towels did she buy?
Equal Groups - (Unknown Product)
- 9) A pet store sold forty-eight cats, which is eight times as many as the number of dogs they sold. How many dogs did they sell?
Compare - (Group Size Unknown)
- 10) Rachel used sixteen beads to make a necklace and eight to make a bracelet. How many times more beads did she use for a necklace than for a bracelet?
Compare - (Number Of Groups Unknown)
- 11) An architect was building a hotel downtown. He built it nine stories tall with five rooms on each story. How many rooms does the hotel have total?
Equal Groups - (Unknown Product)
- 12) Bianca's new computer had thirty-two gigs of memory, four times as much as her old computer. How much memory does her old computer have?
Compare - (Group Size Unknown)

1. **9**
2. **6**
3. **6**
4. **28**
5. **24**
6. **21**
7. **54**
8. **48**
9. **6**
10. **2**
11. **45**
12. **8**



Solve each problem.

48

6

54

9

6

24

6

21

2

28

Answers

- 1) There were 18 adults and 2 children in line at a movie theater. How many times more adults were in the line than children?
- 2) There were 36 adults in line at a movie theater. That is 6 times the number of children in line. How many children were in line?
- 3) Carol had 12 dollars and her sister had 2 dollars. How many times more money does Carol have than her sister?
- 4) In college a math book costs 7 times as much as a history book. If the history book costs 4 dollars, how much does the math book cost?
- 5) At the soda shop they sold 4 hotdogs on Monday. On Tuesday they sold 6 times as many hotdogs. How many hotdogs did they sell on Tuesday?
- 6) 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?
- 7) A movie theater sold 9 tickets on Thursday. The sold 6 times that many on Saturday. How many tickets did they sell on Saturday?
- 8) Sarah was buying hand towels for her house. She bought 8 packs with each pack having 6 towels in it. How many towels did she buy?
- 9) A pet store sold 48 cats, which is 8 times as many as the number of dogs they sold. How many dogs did they sell?
- 10) Rachel used 16 beads to make a necklace and 8 to make a bracelet. How many times more beads did she use for a necklace than for a bracelet?

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