

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

- 1) Emily's new computer had fifty-four gigs of memory, nine times as much as her old computer. How much memory does her old computer have?
- 2) Paul was collecting cans for recycling. He collected twenty-five cans on Saturday which is five times as many as he collected Sunday. How many did he collect on Sunday?
- 3) A new printer can print ten pages in a minute. An old printer can print five pages a minute. The new printer is how many times faster than the old printer?
- 4) Cody was doing sit-ups. He did six times as many on Tuesday as he did on Monday. If he did eighteen sit-ups on Tuesday, how many did he do on Monday?
- 5) Janet used forty-two beads to make a necklace and six to make a bracelet. How many times more beads did she use for a necklace than for a bracelet?
- 6) A library checks out thirty-five fiction books an hour. That is five times the number of non-fiction books they check out. How many non-fiction books do they check out per hour?
- 7) On her MP3 player, Faye had three pop songs. She had nine times as many country songs. How many country songs did she have on her MP3 player?
- 8) At the soda shop they sold sixteen hotdogs on Monday and eight on Tuesday. How many times as many did they sell on Monday than they sold on Tuesday?
- 9) A restaurant had four items on the menu that were low calories. They had seven times as many high calorie items. How many high calorie items did they have?
- 10) There were eight adults and four children in line at a movie theater. How many times more adults were in the line than children?
- 11) Henry had twenty-four pictures on his Facebook page while Bianca only had eight. Henry had how many times more pictures than Bianca?
- 12) It takes Jerry three oranges to make a small glass of orange juice. He uses two times as many for a large glass. How many oranges does he use for a large glass?

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Solve each problem.

**Answers**

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| <p>1) Emily's new computer had fifty-four gigs of memory, nine times as much as her old computer. How much memory does her old computer have?<br/><i>Compare - (Group Size Unknown)</i></p> <p>2) Paul was collecting cans for recycling. He collected twenty-five cans on Saturday which is five times as many as he collected Sunday. How many did he collect on Sunday?<br/><i>Compare - (Group Size Unknown)</i></p> <p>3) A new printer can print ten pages in a minute. An old printer can print five pages a minute. The new printer is how many times faster than the old printer?<br/><i>Compare - (Number Of Groups Unknown)</i></p> <p>4) Cody was doing sit-ups. He did six times as many on Tuesday as he did on Monday. If he did eighteen sit-ups on Tuesday, how many did he do on Monday?<br/><i>Compare - (Group Size Unknown)</i></p> <p>5) Janet used forty-two beads to make a necklace and six to make a bracelet. How many times more beads did she use for a necklace than for a bracelet?<br/><i>Compare - (Number Of Groups Unknown)</i></p> <p>6) A library checks out thirty-five fiction books an hour. That is five times the number of non-fiction books they check out. How many non-fiction books do they check out per hour?<br/><i>Compare - (Group Size Unknown)</i></p> <p>7) On her MP3 player, Faye had three pop songs. She had nine times as many country songs. How many country songs did she have on her MP3 player?<br/><i>Compare - (Unknown Product)</i></p> <p>8) At the soda shop they sold sixteen hotdogs on Monday and eight on Tuesday. How many times as many did they sell on Monday than they sold on Tuesday?<br/><i>Compare - (Number Of Groups Unknown)</i></p> <p>9) A restaurant had four items on the menu that were low calories. They had seven times as many high calorie items. How many high calorie items did they have?<br/><i>Compare - (Unknown Product)</i></p> <p>10) There were eight adults and four children in line at a movie theater. How many times more adults were in the line than children?<br/><i>Compare - (Number Of Groups Unknown)</i></p> <p>11) Henry had twenty-four pictures on his Facebook page while Bianca only had eight. Henry had how many times more pictures than Bianca?<br/><i>Compare - (Number Of Groups Unknown)</i></p> <p>12) It takes Jerry three oranges to make a small glass of orange juice. He uses two times as many for a large glass. How many oranges does he use for a large glass?<br/><i>Compare - (Unknown Product)</i></p> | <p>1. <u>6</u></p> <p>2. <u>5</u></p> <p>3. <u>2</u></p> <p>4. <u>3</u></p> <p>5. <u>7</u></p> <p>6. <u>7</u></p> <p>7. <u>27</u></p> <p>8. <u>2</u></p> <p>9. <u>28</u></p> <p>10. <u>2</u></p> <p>11. <u>3</u></p> <p>12. <u>6</u></p> |
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Solve each problem.

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**Answers**

- 1) Emily's new computer had 54 gigs of memory, 9 times as much as her old computer. How much memory does her old computer have?
- 2) Paul was collecting cans for recycling. He collected 25 cans on Saturday which is 5 times as many as he collected Sunday. How many did he collect on Sunday?
- 3) A new printer can print 10 pages in a minute. An old printer can print 5 pages a minute. The new printer is how many times faster than the old printer?
- 4) Cody was doing sit-ups. He did 6 times as many on Tuesday as he did on Monday. If he did 18 sit-ups on Tuesday, how many did he do on Monday?
- 5) Janet used 42 beads to make a necklace and 6 to make a bracelet. How many times more beads did she use for a necklace than for a bracelet?
- 6) A library checks out 35 fiction books an hour. That is 5 times the number of non-fiction books they check out. How many non-fiction books do they check out per hour?
- 7) On her MP3 player, Faye had 3 pop songs. She had 9 times as many country songs. How many country songs did she have on her MP3 player?
- 8) At the soda shop they sold 16 hotdogs on Monday and 8 on Tuesday. How many times as many did they sell on Monday than they sold on Tuesday?
- 9) A restaurant had 4 items on the menu that were low calories. They had 7 times as many high calorie items. How many high calorie items did they have?
- 10) There were 8 adults and 4 children in line at a movie theater. How many times more adults were in the line than children?

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