

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

- 1) 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?
- 2) For a fundraiser Kaleb earned forty-eight dollars, which is eight times as much as Olivia earned. How much did Olivia earn?
- 3) A flower store has twenty-five roses, which is five times the number of tulips they had. How many tulips do they have?
- 4) At the ring toss booth in a carnival six people lost and thirty-six people won. How many times as many people won as lost?
- 5) Sarah's new computer had thirty-five gigs of memory. Her old computer had seven gigs. How many times more memory does her new computer have than her old computer had?
- 6) A store has thirty diet sodas, which is six times the number of regular sodas they have. How many regular sodas do they have?
- 7) Maria sent three text messages a day. George sent three times as many texts as Maria. How many texts did George send?
- 8) A restaurant had four items on the menu that were low calories. They had eight times as many high calorie items. How many high calorie items did they have?
- 9) A restaurant had twenty items on the menu that were low calories, which is four times the number of high calorie items on the menu. How many high calorie items did they have?
- 10) Sam had twenty-seven pictures on his Facebook page while Haley only had three. Sam had how many times more pictures than Haley?
- 11) Wendy used seven beads to make a bracelet. To make a necklace it takes nine times as many beads. How many beads does it take to make a necklace?
- 12) A flower store has six roses and three tulips. How many times more roses did they have than tulips?

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Solve each problem.

		<u>Answers</u>
1) 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)	1. <u>24</u>
2) For a fundraiser Kaleb earned forty-eight dollars, which is eight times as much as Olivia earned. How much did Olivia earn?	Compare (Group Size Unknown)	2. <u>6</u>
3) A flower store has twenty-five roses, which is five times the number of tulips they had. How many tulips do they have?	Compare (Group Size Unknown)	3. <u>5</u>
4) At the ring toss booth in a carnival six people lost and thirty-six people won. How many times as many people won as lost?	Compare (Number Of Groups Unknown)	4. <u>6</u>
5) Sarah's new computer had thirty-five gigs of memory. Her old computer had seven gigs. How many times more memory does her new computer have than her old computer had?	Compare (Number Of Groups Unknown)	5. <u>5</u>
6) A store has thirty diet sodas, which is six times the number of regular sodas they have. How many regular sodas do they have?	Compare (Group Size Unknown)	6. <u>5</u>
7) Maria sent three text messages a day. George sent three times as many texts as Maria. How many texts did George send?	Compare (Unknown Product)	7. <u>9</u>
8) A restaurant had four items on the menu that were low calories. They had eight times as many high calorie items. How many high calorie items did they have?	Compare (Group Size Unknown)	8. <u>32</u>
9) A restaurant had twenty items on the menu that were low calories, which is four times the number of high calorie items on the menu. How many high calorie items did they have?	Compare (Group Size Unknown)	9. <u>5</u>
10) Sam had twenty-seven pictures on his Facebook page while Haley only had three. Sam had how many times more pictures than Haley?	Compare (Number Of Groups Unknown)	10. <u>9</u>
11) Wendy used seven beads to make a bracelet. To make a necklace it takes nine times as many beads. How many beads does it take to make a necklace?	Compare (Unknown Product)	11. <u>63</u>
12) A flower store has six roses and three tulips. How many times more roses did they have than tulips?	Compare (Number Of Groups Unknown)	12. <u>2</u>



Solve each problem.

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32

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24

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Answers

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- 1) 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?
- 2) For a fundraiser Kaleb earned 48 dollars, which is 8 times as much as Olivia earned. How much did Olivia earn?
- 3) A flower store has 25 roses, which is 5 times the number of tulips they had. How many tulips do they have?
- 4) At the ring toss booth in a carnival 6 people lost and 36 people won. How many times as many people won as lost?
- 5) Sarah's new computer had 35 gigs of memory. Her old computer had 7 gigs. How many times more memory does her new computer have than her old computer had?
- 6) A store has 30 diet sodas, which is 6 times the number of regular sodas they have. How many regular sodas do they have?
- 7) Maria sent 3 text messages a day. George sent 3 times as many texts as Maria. How many texts did George send?
- 8) A restaurant had 4 items on the menu that were low calories. They had 8 times as many high calorie items. How many high calorie items did they have?
- 9) A restaurant had 20 items on the menu that were low calories, which is 4 times the number of high calorie items on the menu. How many high calorie items did they have?
- 10) Sam had 27 pictures on his Facebook page while Haley only had 3. Sam had how many times more pictures than Haley?