



**Solve each problem.**

**Answers**

- 1) A library checks out four fiction books and two non-fiction books an hour. How many times more fiction books do they check out than non-fiction books?
- 2) There were twenty-one adults in line at a movie theater. That is three times the number of children in line. How many children were in line?
- 3) A restaurant sold eight times as many salads as they sold steaks. If they sold four steaks, how many salads did they sell?
- 4) A restaurant sold nine salads and forty-five steaks. How many times as many steaks did they sell as salads?
- 5) A pet store sold two cats. They sold six times as many dogs as they sold cats. How many dogs did they sell?
- 6) Oliver was counting his spare change. He had ten dimes and two quarters. How many times as many dimes does Oliver have than quarters?
- 7) There were thirty-two adults and four children in line at a movie theater. How many times more adults were in the line than children?
- 8) Vanessa sent twenty-five text messages a day. Mike sent five a day. How many times as many texts did Vanessa send than Mike sent?
- 9) It takes Cody six oranges to make a small glass of orange juice. He uses eight times as many for a large glass. How many oranges does he use for a large glass?
- 10) Haley had four times as many dollars as her sister. Her sister has three dollars. How much money does Haley have?
- 11) Wendy was playing basketball. She made seven times as many shots as she missed. If she made fourteen shots, how many shots did she miss?
- 12) At the state fair for every ticket Frank spent on games he spent six on rides. If he spent forty-eight tickets on rides, how many did he spend on games?

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Solve each problem.

		<u>Answers</u>
1)	A library checks out four fiction books and two non-fiction books an hour. How many times more fiction books do they check out than non-fiction books?  <i>Compare (Number Of Groups Unknown)</i>	1. <u>2</u>
2)	There were twenty-one adults in line at a movie theater. That is three times the number of children in line. How many children were in line?  <i>Compare (Group Size Unknown)</i>	2. <u>7</u>
3)	A restaurant sold eight times as many salads as they sold steaks. If they sold four steaks, how many salads did they sell?  <i>Compare (Unknown Product)</i>	3. <u>32</u>
4)	A restaurant sold nine salads and forty-five steaks. How many times as many steaks did they sell as salads?  <i>Compare (Number Of Groups Unknown)</i>	4. <u>5</u>
5)	A pet store sold two cats. They sold six times as many dogs as they sold cats. How many dogs did they sell?  <i>Compare (Unknown Product)</i>	5. <u>12</u>
6)	Oliver was counting his spare change. He had ten dimes and two quarters. How many times as many dimes does Oliver have than quarters?  <i>Compare (Number Of Groups Unknown)</i>	6. <u>5</u>
7)	There were thirty-two adults and four children in line at a movie theater. How many times more adults were in the line than children?  <i>Compare (Unknown Product)</i>	7. <u>8</u>
8)	Vanessa sent twenty-five text messages a day. Mike sent five a day. How many times as many texts did Vanessa send than Mike sent?  <i>Compare (Unknown Product)</i>	8. <u>5</u>
9)	It takes Cody six oranges to make a small glass of orange juice. He uses eight times as many for a large glass. How many oranges does he use for a large glass?  <i>Compare (Number Of Groups Unknown)</i>	9. <u>48</u>
10)	Haley had four times as many dollars as her sister. Her sister has three dollars. How much money does Haley have?  <i>Compare (Unknown Product)</i>	10. <u>12</u>
11)	Wendy was playing basketball. She made seven times as many shots as she missed. If she made fourteen shots, how many shots did she miss?  <i>Compare (Number Of Groups Unknown)</i>	11. <u>2</u>
12)	At the state fair for every ticket Frank spent on games he spent six on rides. If he spent forty-eight tickets on rides, how many did he spend on games?  <i>Compare (Group Size Unknown)</i>	12. <u>8</u>



**Solve each problem.**

**Answers**

- 1) A flower store has thirty-six roses and six tulips. How many times more roses did they have than tulips?
- 2) Kaleb was playing a video game. It took him eight lives to beat the first world. It took eight times as many to beat the second world. How many lives did he use on the second world?
- 3) In college a math book costs seven times as much as a history book. If the history book costs two dollars, how much does the math book cost?
- 4) Victor was doing sit-ups. He did five times as many on Tuesday as he did on Monday. If he did forty sit-ups on Tuesday, how many did he do on Monday?
- 5) For a fundraiser Jerry earned four dollars. Sarah earned four times as much as Jerry earned. How much did Sarah earn?
- 6) Larry's Lawn Care had eight customers in the fall. In the summer they have five times as many customers. How many customers do they have in the summer?
- 7) Maria was playing basketball she missed three shots and made twenty-four shots. How many times as many shots did she make as she missed?
- 8) A restaurant sold six times as many salads as they sold steaks. If they sold seven steaks, how many salads did they sell?
- 9) Rachel had twelve dollars and her sister had two dollars. How many times more money does Rachel have than her sister?
- 10) An electric saw cost fifty-four dollars and a manual saw cost six dollars. How many times as much does the electric saw cost as a manual saw?
- 11) Wendy's new computer had fourteen gigs of memory, seven times as much as her old computer. How much memory does her old computer have?
- 12) A movie theater sold eighteen tickets on Saturday, which is three times as many as they sold on Thursday. How many tickets did they sell on Thursday?

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Solve each problem.

		<u>Answers</u>
1)	A flower store has thirty-six roses and six tulips. How many times more roses did they have than tulips?	1. <u>6</u>
2)	Kaleb was playing a video game. It took him eight lives to beat the first world. It took eight times as many to beat the second world. How many lives did he use on the second world?	2. <u>64</u>
3)	In college a math book costs seven times as much as a history book. If the history book costs two dollars, how much does the math book cost?	3. <u>14</u>
4)	Victor was doing sit-ups. He did five times as many on Tuesday as he did on Monday. If he did forty sit-ups on Tuesday, how many did he do on Monday?	4. <u>8</u>
5)	For a fundraiser Jerry earned four dollars. Sarah earned four times as much as Jerry earned. How much did Sarah earn?	5. <u>16</u>
6)	Larry's Lawn Care had eight customers in the fall. In the summer they have five times as many customers. How many customers do they have in the summer?	6. <u>40</u>
7)	Maria was playing basketball she missed three shots and made twenty-four shots. How many times as many shots did she make as she missed?	7. <u>8</u>
8)	A restaurant sold six times as many salads as they sold steaks. If they sold seven steaks, how many salads did they sell?	8. <u>42</u>
9)	Rachel had twelve dollars and her sister had two dollars. How many times more money does Rachel have than her sister?	9. <u>6</u>
10)	An electric saw cost fifty-four dollars and a manual saw cost six dollars. How many times as much does the electric saw cost as a manual saw?	10. <u>9</u>
11)	Wendy's new computer had fourteen gigs of memory, seven times as much as her old computer. How much memory does her old computer have?	11. <u>2</u>
12)	A movie theater sold eighteen tickets on Saturday, which is three times as many as they sold on Thursday. How many tickets did they sell on Thursday?	12. <u>6</u>



**Solve each problem.**

**Answers**

- 1) Henry had four pictures on his Facebook page while Emily only had two. Henry had how many times more pictures than Emily?
- 2) At a malt shop for every soda sold they sell seven hamburgers. If they sold forty-nine burgers, how many sodas would they have sold?
- 3) A flower store has forty-five roses, which is nine times the number of tulips they had. How many tulips do they have?
- 4) An electric saw cost twenty-one dollars, which is three times as much as a manual saw costs. How much does the manual saw cost?
- 5) A toy store sold fifteen board games and three video games. How many times more board games did they sell than video games?
- 6) A bouquet has two roses and four times as many tulips. How many tulips are in the bouquet?
- 7) George was collecting cans for recycling. He collected forty cans on Saturday which is five times as many as he collected Sunday. How many did he collect on Sunday?
- 8) Vanessa used two beads to make a bracelet. To make a necklace it takes two times as many beads. How many beads does it take to make a necklace?
- 9) In college a math book costs two times as much as a history book. If the history book costs nine dollars, how much does the math book cost?
- 10) There were twenty-one adults and seven children in line at a movie theater. How many times more adults were in the line than children?
- 11) At the carnival there were six people in line at the roller coaster and eight times as many in line at the Ferris Wheel. How many people were at the Ferris Wheel?
- 12) A pet store sold sixteen cats and four dogs. How many times more cats did they sell than dogs?

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**Solve each problem.**

**Answers**

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| <p>1) A movie theater sold twelve tickets on Saturday and six tickets on Thursday. They sold how many times as many tickets on Saturday as they sold on Thursday?</p>                              | <p>1. _____</p>  |
| <p>2) An electric saw cost three times as much as a manual saw. A manual saw cost five dollars. How much does an electric saw cost?</p>  | <p>2. _____</p>  |
| <p>3) For a fundraiser Adam earned forty-nine dollars, which is seven times as much as Lana earned. How much did Lana earn?</p>  | <p>3. _____</p>  |
| <p>4) For a fundraiser Victor earned three dollars. Nancy earned nine times as much as Victor earned. How much did Nancy earn?</p>   | <p>4. _____</p>  |
| <p>5) Jerry was playing a video game. It took him ten lives to beat the second world, five times as many as it took him to beat the first world. How many lives did he use on the first world?</p> | <p>5. _____</p>  |
| <p>6) At a malt shop for every soda sold they sell four hamburgers. If they sold eight burgers, how many sodas would they have sold?</p>   | <p>6. _____</p>  |
| <p>7) A movie theater sold three tickets on Thursday. They sold eight times that many on Saturday. How many tickets did they sell on Saturday?</p>   | <p>7. _____</p>  |
| <p>8) A library checks out two fiction books an hour. They check out nine times as many non-fiction books per hour. How many non-fiction books do they check out per hour?</p>                     | <p>8. _____</p>  |
| <p>9) At a malt shop they sold twenty-eight burgers and four sodas. How many times as many burgers did they sell as sodas?</p>   | <p>9. _____</p>  |
| <p>10) Sam had fifty-six pictures on his Facebook page while Haley only had eight. Sam had how many times more pictures than Haley?</p>  | <p>10. _____</p> |
| <p>11) Tom was doing sit-ups. He did thirty-two on Tuesday and eight on Monday. How many more sit-ups did he do on Tuesday than he did on Monday?</p>  | <p>11. _____</p> |
| <p>12) A restaurant had forty-five items on the menu that were low calories, which is five times the number of high calorie items on the menu. How many high calorie items did they have?</p>      | <p>12. _____</p> |









**Solve each problem.**

**Answers**

- 1) It takes Henry ten oranges to make a large glass of orange juice, which is five times as many as he uses for a small glass. How many oranges does he use for a small glass?
- 2) At the soda shop they sold forty-eight hotdogs on Monday and eight on Tuesday. How many times as many did they sell on Monday than they sold on Tuesday?
- 3) A pet store sold nine cats and three dogs. How many times more cats did they sell than dogs?
- 4) A store has thirty-five diet sodas, which is seven times the number of regular sodas they have. How many regular sodas do they have?
- 5) A library checks out four fiction books an hour. They check out five times as many non-fiction books per hour. How many non-fiction books do they check out per hour?
- 6) There were eighteen adults in line at a movie theater. That is six times the number of children in line. How many children were in line?
- 7) George had nine pictures on his Facebook page. Maria had two times as many pics as George. How many pics did Maria have?
- 8) A restaurant had four items on the menu that were low calories. They had three times as many high calorie items. How many high calorie items did they have?
- 9) A movie theater sold sixteen tickets on Saturday, which is eight times as many as they sold on Thursday. How many tickets did they sell on Thursday?
- 10) A flower store has twenty-one roses and three tulips. How many times more roses did they have than tulips?
- 11) At a malt shop for every soda sold they sell eight hamburgers. If they sold seventy-two burgers, how many sodas would they have sold?
- 12) Isabel had twenty-four dollars and her sister had four dollars. How many times more money does Isabel have than her sister?

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**Solve each problem.**

**Answers**

- 1) On her MP3 player Emily had twenty-eight pop songs, which is seven times the number of country songs she had. How many country songs did she have on her MP3 player?
- 2) A restaurant sold six times as many salads as they sold steaks. If they sold three steaks, how many salads did they sell?
- 3) A pet store sold thirty-five cats and five dogs. How many times more cats did they sell than dogs?
- 4) Victor was collecting cans for recycling. He collected four cans on Saturday and three times that many on Sunday. How many did he collect on Sunday?
- 5) On her MP3 player Sarah had nine pop songs and three country songs. How many times more pop songs did she have than country songs?
- 6) At the soda shop they sold fifty-four hotdogs on Monday, six times as many as they sold on Tuesday. How many hotdogs did they sell on Tuesday?
- 7) A restaurant had forty-two items on the menu that were low calories and seven that were high calorie. How many times more low calorie items are there than high calorie?
- 8) A new printer can print forty-eight pages in a minute. An old printer can print six pages a minute. The new printer is how many times faster than the old printer?
- 9) At the ring toss booth in a carnival seven people lost and forty-two people won. How many times as many people won as lost?
- 10) A car dealer spent sixty-three dollars on air fresheners. Which is nine dollars per car, how many cars do they have?
- 11) At the soda shop they sold two hotdogs on Monday. On Tuesday they sold nine times as many hotdogs. How many hotdogs did they sell on Tuesday?
- 12) For every room in a hotel there are four light bulbs. If a hotel has nine rooms how many light bulbs are there?

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Solve each problem.

		<u>Answers</u>
1)	On her MP3 player Emily had twenty-eight pop songs, which is seven times the number of country songs she had. How many country songs did she have on her MP3 player? <i>Compare (Group Size Unknown)</i>	1. <u>4</u>
2)	A restaurant sold six times as many salads as they sold steaks. If they sold three steaks, how many salads did they sell? <i>Compare (Unknown Product)</i>	2. <u>18</u>
3)	A pet store sold thirty-five cats and five dogs. How many times more cats did they sell than dogs? <i>Compare (Number Of Groups Unknown)</i>	3. <u>7</u>
4)	Victor was collecting cans for recycling. He collected four cans on Saturday and three times that many on Sunday. How many did he collect on Sunday? <i>Compare (Unknown Product)</i>	4. <u>12</u>
5)	On her MP3 player Sarah had nine pop songs and three country songs. How many times more pop songs did she have than country songs? <i>Compare (Number Of Groups Unknown)</i>	5. <u>3</u>
6)	At the soda shop they sold fifty-four hotdogs on Monday, six times as many as they sold on Tuesday. How many hotdogs did they sell on Tuesday? <i>Compare (Group Size Unknown)</i>	6. <u>9</u>
7)	A restaurant had forty-two items on the menu that were low calories and seven that were high calorie. How many times more low calorie items are there than high calorie? <i>Compare (Number Of Groups Unknown)</i>	7. <u>6</u>
8)	A new printer can print forty-eight pages in a minute. An old printer can print six pages a minute. The new printer is how many times faster than the old printer? <i>Compare (Number Of Groups Unknown)</i>	8. <u>8</u>
9)	At the ring toss booth in a carnival seven people lost and forty-two people won. How many times as many people won as lost? <i>Compare (Number Of Groups Unknown)</i>	9. <u>6</u>
10)	A car dealer spent sixty-three dollars on air fresheners. Which is nine dollars per car, how many cars do they have? <i>Compare (Group Size Unknown)</i>	10. <u>7</u>
11)	At the soda shop they sold two hotdogs on Monday. On Tuesday they sold nine times as many hotdogs. How many hotdogs did they sell on Tuesday? <i>Compare (Unknown Product)</i>	11. <u>18</u>
12)	For every room in a hotel there are four light bulbs. If a hotel has nine rooms how many light bulbs are there? <i>Compare (Unknown Product)</i>	12. <u>36</u>



**Solve each problem.**

**Answers**

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| 1) Larry's Lawn Care had four customers in the fall. In the summer they have nine times as many customers. How many customers do they have in the summer?                          | 1. _____  |
| 2) Olivia sent six text messages a day, which is three times as many texts as Kaleb. How many texts did Kaleb send?  | 2. _____  |
| 3) At school the new printer can print twenty-one pages in a minute which is seven times as many as the old printer. How many pages can the old printer print in a minute?         | 3. _____  |
| 4) At the soda shop they sold eighteen hotdogs on Monday, six times as many as they sold on Tuesday. How many hotdogs did they sell on Tuesday?                                    | 4. _____  |
| 5) An electric saw cost four times as much as a manual saw. A manual saw cost five dollars. How much does an electric saw cost?  | 5. _____  |
| 6) It takes Oliver ten oranges to make a large glass of orange juice and two for a small glass. He uses how many times as many oranges for a large glass as he does a small glass? | 6. _____  |
| 7) In college a math book costs thirty-two dollars and a history book costs four dollars. The math book is how many times more expensive than a history book?                      | 7. _____  |
| 8) A pet store sold two cats. They sold five times as many dogs as they sold cats. How many dogs did they sell?  | 8. _____  |
| 9) Cody was collecting cans for recycling. He collected six cans on Saturday and four times that many on Sunday. How many did he collect on Sunday?                                | 9. _____  |
| 10) Sam was counting his spare change. He had twelve dimes and two quarters. How many times as many dimes does Sam have than quarters?   | 10. _____ |
| 11) A flower store has seventy-two roses and eight tulips. How many times more roses did they have than tulips?  | 11. _____ |
| 12) In college a math book costs three times as much as a history book. If the math book costs eighteen dollars, how much does the history book cost?                              | 12. _____ |



Solve each problem.

		<u>Answers</u>
1)	Larry's Lawn Care had four customers in the fall. In the summer they have nine times as many customers. How many customers do they have in the summer?  <i>Compare (Unknown Product)</i>	1. <u>36</u>
2)	Olivia sent six text messages a day, which is three times as many texts as Kaleb. How many texts did Kaleb send?  <i>Compare (Group Size Unknown)</i>	2. <u>2</u>
3)	At school the new printer can print twenty-one pages in a minute which is seven times as many as the old printer. How many pages can the old printer print in a minute?  <i>Compare (Group Size Unknown)</i>	3. <u>3</u>
4)	At the soda shop they sold eighteen hotdogs on Monday, six times as many as they sold on Tuesday. How many hotdogs did they sell on Tuesday?  <i>Compare (Group Size Unknown)</i>	4. <u>3</u>
5)	An electric saw cost four times as much as a manual saw. A manual saw cost five dollars. How much does an electric saw cost?  <i>Compare (Unknown Product)</i>	5. <u>20</u>
6)	It takes Oliver ten oranges to make a large glass of orange juice and two for a small glass. He uses how many times as many oranges for a large glass as he does a small glass?  <i>Compare (Number Of Groups Unknown)</i>	6. <u>5</u>
7)	In college a math book costs thirty-two dollars and a history book costs four dollars. The math book is how many times more expensive than a history book?  <i>Compare (Number Of Groups Unknown)</i>	7. <u>8</u>
8)	A pet store sold two cats. They sold five times as many dogs as they sold cats. How many dogs did they sell?  <i>Compare (Unknown Product)</i>	8. <u>10</u>
9)	Cody was collecting cans for recycling. He collected six cans on Saturday and four times that many on Sunday. How many did he collect on Sunday?  <i>Compare (Unknown Product)</i>	9. <u>24</u>
10)	Sam was counting his spare change. He had twelve dimes and two quarters. How many times as many dimes does Sam have than quarters?  <i>Compare (Number Of Groups Unknown)</i>	10. <u>6</u>
11)	A flower store has seventy-two roses and eight tulips. How many times more roses did they have than tulips?  <i>Compare (Number Of Groups Unknown)</i>	11. <u>9</u>
12)	In college a math book costs three times as much as a history book. If the math book costs eighteen dollars, how much does the history book cost?  <i>Compare (Group Size Unknown)</i>	12. <u>6</u>



**Solve each problem.**

**Answers**

- 1) A pet store sold fifteen cats and three dogs. How many times more cats did they sell than dogs?
- 2) A toy store sold twenty-four board games and four video games. How many times more board games did they sell than video games?
- 3) At the ring toss booth in a carnival four people lost and twenty-four people won. How many times as many people won as lost?
- 4) On her MP3 player Nancy had sixty-four pop songs, which is eight times the number of country songs she had. How many country songs did she have on her MP3 player?
- 5) At the carnival there were eighteen people in line at the roller coaster which is three times as many as were in line at the Ferris Wheel. How many people were at the Ferris Wheel?
- 6) Faye had eight times as many dollars as her sister. Faye has seventy-two dollars. How much money does her sister have?
- 7) A restaurant had two items on the menu that were low calories. They had six times as many high calorie items. How many high calorie items did they have?
- 8) A bouquet has seven roses and seven times as many tulips. How many tulips are in the bouquet?
- 9) Cody had thirty-two pictures on his Facebook page, eight times as many as Rachel. How many pics did Rachel have?
- 10) There were eighteen adults in line at a movie theater. That is three times the number of children in line. How many children were in line?
- 11) At a malt shop they sold twelve burgers and six sodas. How many times as many burgers did they sell as sodas?
- 12) Frank was playing a video game. It took him four lives to beat the first world. It took two times as many to beat the second world. How many lives did he use on the second world?

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Solve each problem.

		<u>Answers</u>
1)	A pet store sold fifteen cats and three dogs. How many times more cats did they sell than dogs?	1. <u>5</u>
2)	A toy store sold twenty-four board games and four video games. How many times more board games did they sell than video games?	2. <u>6</u>
3)	At the ring toss booth in a carnival four people lost and twenty-four people won. How many times as many people won as lost?	3. <u>6</u>
4)	On her MP3 player Nancy had sixty-four pop songs, which is eight times the number of country songs she had. How many country songs did she have on her MP3 player?	4. <u>8</u>
5)	At the carnival there were eighteen people in line at the roller coaster which is three times as many as were in line at the Ferris Wheel. How many people were at the Ferris Wheel?	5. <u>6</u>
6)	Faye had eight times as many dollars as her sister. Faye has seventy-two dollars. How much money does her sister have?	6. <u>9</u>
7)	A restaurant had two items on the menu that were low calories. They had six times as many high calorie items. How many high calorie items did they have?	7. <u>12</u>
8)	A bouquet has seven roses and seven times as many tulips. How many tulips are in the bouquet?	8. <u>49</u>
9)	Cody had thirty-two pictures on his Facebook page, eight times as many as Rachel. How many pics did Rachel have?	9. <u>4</u>
10)	There were eighteen adults in line at a movie theater. That is three times the number of children in line. How many children were in line?	10. <u>6</u>
11)	At a malt shop they sold twelve burgers and six sodas. How many times as many burgers did they sell as sodas?	11. <u>2</u>
12)	Frank was playing a video game. It took him four lives to beat the first world. It took two times as many to beat the second world. How many lives did he use on the second world?	12. <u>8</u>



**Solve each problem.**

**Answers**

- 1) Emily sent twenty text messages a day, which is four times as many texts as Henry. How many texts did Henry send?
- 2) An electric saw cost three times as much as a manual saw. A manual saw cost three dollars. How much does an electric saw cost?
- 3) 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?
- 4) A flower store has twenty roses and five tulips. How many times more roses did they have than tulips?
- 5) At a malt shop for every soda sold they sell seven hamburgers. If they sold fourteen burgers, how many sodas would they have sold?
- 6) On her MP3 player Faye had eighteen pop songs and three country songs. How many times more pop songs did she have than country songs?
- 7) George was doing sit-ups. He did nine times as many on Tuesday as he did on Monday. If he did six sit-ups on Monday, how many did he do on Tuesday?
- 8) At a malt shop they sold fifty-four burgers and nine sodas. How many times as many burgers did they sell as sodas?
- 9) Cody was playing a video game. It took him six lives to beat the first world. It took five times as many to beat the second world. How many lives did he use on the second world?
- 10) Haley was playing basketball. She made five times as many shots as she missed. If she made ten shots, how many shots did she miss?
- 11) It takes Tom eighteen oranges to make a large glass of orange juice and nine for a small glass. He uses how many times as many oranges for a large glass as he does a small glass?
- 12) An electric saw cost thirty-two dollars, which is four times as much as a manual saw costs. How much does the manual saw cost?

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Solve each problem.

		<u>Answers</u>
1)	Emily sent twenty text messages a day, which is four times as many texts as Henry. How many texts did Henry send?	1. <u>5</u>
2)	An electric saw cost three times as much as a manual saw. A manual saw cost three dollars. How much does an electric saw cost?	2. <u>9</u>
3)	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?	3. <u>12</u>
4)	A flower store has twenty roses and five tulips. How many times more roses did they have than tulips?	4. <u>4</u>
5)	At a malt shop for every soda sold they sell seven hamburgers. If they sold fourteen burgers, how many sodas would they have sold?	5. <u>2</u>
6)	On her MP3 player Faye had eighteen pop songs and three country songs. How many times more pop songs did she have than country songs?	6. <u>6</u>
7)	George was doing sit-ups. He did nine times as many on Tuesday as he did on Monday. If he did six sit-ups on Monday, how many did he do on Tuesday?	7. <u>54</u>
8)	At a malt shop they sold fifty-four burgers and nine sodas. How many times as many burgers did they sell as sodas?	8. <u>6</u>
9)	Cody was playing a video game. It took him six lives to beat the first world. It took five times as many to beat the second world. How many lives did he use on the second world?	9. <u>30</u>
10)	Haley was playing basketball. She made five times as many shots as she missed. If she made ten shots, how many shots did she miss?	10. <u>2</u>
11)	It takes Tom eighteen oranges to make a large glass of orange juice and nine for a small glass. He uses how many times as many oranges for a large glass as he does a small glass?	11. <u>2</u>
12)	An electric saw cost thirty-two dollars, which is four times as much as a manual saw costs. How much does the manual saw cost?	12. <u>8</u>

**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>