Multiplication Comparisons within 100

Name:

Solve each problem.

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?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Name: **Answer Key**

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?

Compare (Number Of Groups Unknown)

1. _____ **2**

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?

Compare (Group Size Unknown)

2. _____ **7**

3) A restaurant sold eight times as many salads as they sold steaks. If they sold four steaks, how many salads did they sell?

Compare (Unknown Product)

3. _____ **32**

4) A restaurant sold nine salads and forty-five steaks. How many times as many steaks did they sell as salads?

Compare (Number Of Groups Unknown)

4. _____ **5**

5. _____ **12**

5) A pet store sold two cats. They sold six times as many dogs as they sold cats. How many dogs did they sell?

Compare (Unknown Product)

6. _____ **5**

7. _____ **8**

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?

Compare (Number Of Groups Unknown)

8. _____ **5**

9. _____ **48**

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?

Compare (Number Of Groups Unknown)

10. _____ **12**

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?

Compare (Number Of Groups Unknown)

11. _____ **2**

12. _____ **8**

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?

Compare (Unknown Product)

10) Haley had four times as many dollars as her sister. Her sister has three dollars. How much money does Haley have?

Compare (Unknown Product)

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?

Compare (Group Size Unknown)

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?

Compare (Group Size Unknown)

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Solve each problem.

12	2	5	7	12
32	5	8	5	48

1. _____

2. _____

3. _____

1) A library checks out 4 fiction books and 2 non-fiction books an hour. How many times more fiction books do they check out than non-fiction books?

4. _____

5. _____

2) There were 21 adults in line at a movie theater. That is 3 times the number of children in line. How many children were in line?

6. _____

7. _____

3) A restaurant sold 8 times as many salads as they sold steaks. If they sold 4 steaks, how many salads did they sell?

8. _____

4) A restaurant sold 9 salads and 45 steaks. How many times as many steaks did they sell as salads?

9. _____

10. _____

5) A pet store sold 2 cats. They sold 6 times as many dogs as they sold cats. How many dogs did they sell?

6) Oliver was counting his spare change. He had 10 dimes and 2 quarters. How many times as many dimes does Oliver have than quarters?

7) There were 32 adults and 4 children in line at a movie theater. How many times more adults were in the line than children?

8) Vanessa sent 25 text messages a day. Mike sent 5 a day. How many times as many texts did Vanessa send than Mike sent?

9) It takes Cody 6 oranges to make a small glass of orange juice. He uses 8 times as many for a large glass. How many oranges does he use for a large glass?

10) Haley had 4 times as many dollars as her sister. Her sister has 3 dollars. How much money does Haley have?

1-10	90	80	70	60	50	40	30	20	10	0