Name: _____

Use the completed division problem to answer the question.

1) There are forty-five students going to a trivia competition. If each school van can hold seven students, how many vans will they need?

$45 \div 7 = 6 \text{ r}3$

1. _____

2. _____

2) Katie had saved up nine quarters and decided to spend them on sodas. If it costs four quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?

$9 \div 4 = 2 \text{ r}1$

3. _____

4. _____

3) A vat of orange juice was seventeen pints. If you wanted to pour the vat into two glasses with the same amount in each glass, how many pints would be in each glass?

$17 \div 2 = 8 \text{ r}1$

5. _____

6. _____

4) A machine in a candy company creates fifty-two pieces of candy a minute. If a small box of candy has eight pieces in it how many full boxes does the machine make in a minute?

$52 \div 8 = 6 \text{ r}4$

7. _____

8. _____

5) A vase can hold two flowers. If a florist had seven flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?

$7 \div 2 = 3 \text{ r}1$

9. _____

10. _____

6) A movie theater needed fifty-three popcorn buckets. If each package has nine buckets in it, how many packages will they need to buy?

$53 \div 9 = 5 \text{ r}8$

7) A cafeteria was putting milk cartons into stacks. They had fifty-one cartons and were putting them into stacks with six cartons in each stack. How many full stacks could they make?

$51 \div 6 = 8 \text{ r}3$

8) A botanist picked nine flowers. She wanted to put them into two bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?

$9 \div 2 = 4 \text{ r}1$

9) Tiffany had eighteen songs on her mp3 player. If she wanted to put the songs equally into four different playlists, how many songs would she have left over?

$18 \div 4 = 4 \text{ r}2$

10) A builder needed to buy thirty-eight boards for his latest project. If the boards he needs come in packs of five, how many packages will he need to buy?

$38 \div 5 = 7 \text{ r}3$

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

Math

Name:

Use the completed division problem to answer the question.

Answers

1) There are forty-five students going to a trivia competition. If each school van can hold seven students, how many vans will they need?

$45 \div 7 = 6$ r3

1. ____**7**____

2. ____**3**____

2) Katie had saved up nine quarters and decided to spend them on sodas. If it costs four quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?

$9 \div 4 = 2$ r1

3. ____**8**____

4. ____**6**____

3) A vat of orange juice was seventeen pints. If you wanted to pour the vat into two glasses with the same amount in each glass, how many pints would be in each glass?

$17 \div 2 = 8$ r1

5. ____**1**____

6. ____**6**____

4) A machine in a candy company creates fifty-two pieces of candy a minute. If a small box of candy has eight pieces in it how many full boxes does the machine make in a minute?

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7. ____**8**____

8. ____**1**____

5) A vase can hold two flowers. If a florist had seven flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?

$7 \div 2 = 3$ r1

9. ____**2**____

10. ____**8**____

6) A movie theater needed fifty-three popcorn buckets. If each package has nine buckets in it, how many packages will they need to buy?

$53 \div 9 = 5$ r8

7) A cafeteria was putting milk cartons into stacks. They had fifty-one cartons and were putting them into stacks with six cartons in each stack. How many full stacks could they make?

$51 \div 6 = 8$ r3

8) A botanist picked nine flowers. She wanted to put them into two bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?

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9) Tiffany had eighteen songs on her mp3 player. If she wanted to put the songs equally into four different playlists, how many songs would she have left over?

$18 \div 4 = 4$ r2

10) A builder needed to buy thirty-eight boards for his latest project. If the boards he needs come in packs of five, how many packages will he need to buy?

$38 \div 5 = 7$ r3

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

Math

Understanding Division Problems

Name:

Use the completed division problem to answer the question.

1	1	3	7	6
6	2	8	8	8

1. _____

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$45 \div 7 = 6$ r3

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