Division with Remainder (1 Digit Quotient)   Name:

Use division to solve each problem.

Answers

1) A flash drive could hold seven gigs of data. If you needed to store sixty-one gigs, how many flash drive would you need?

2) A vat of orange juice was twenty-five pints. If you wanted to pour the vat into four glasses with the same amount in each glass, how many pints would be in each glass?

3) There are thirteen people attending a luncheon. If a table can hold four people, how many tables do they need?

4) At the carnival, nine friends bought seventy-five tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?

5) Faye received twenty-two dollars for her birthday. Later she found some toys that cost three dollars each. How much money would she have left if she bought as many as she could?

6) Vanessa had saved up thirty-seven quarters and decided to spend them on sodas. If it costs seven quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?

7) An art museum had ten pictures to split equally into three different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

8) Carol had twenty songs on her mp3 player. If she wanted to put the songs equally into three different playlists, how many songs would she have left over?

9) Victor's dad bought forty-two meters of string. If he wanted to cut the string into pieces with each piece being five meters long, how many full sized pieces could he make?

10) There are twenty-eight students going to a trivia competition. If each school van can hold three students, how many vans will they need?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

| | Division with Remainder (1 Digit Quotient) | Name: | **Answer Key** |

Use division to solve each problem.

1) A flash drive could hold seven gigs of data. If you needed to store sixty-one gigs, how many flash drive would you need?

$61 \div 7 = 8 \text{ r}5$

1. **9**

2) A vat of orange juice was twenty-five pints. If you wanted to pour the vat into four glasses with the same amount in each glass, how many pints would be in each glass?

$25 \div 4 = 6 \text{ r}1$

2. **6**

3. **4**

3) There are thirteen people attending a luncheon. If a table can hold four people, how many tables do they need?

$13 \div 4 = 3 \text{ r}1$

4. **6**

5. **1**

4) At the carnival, nine friends bought seventy-five tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?

$75 \div 9 = 8 \text{ r}3$

6. **5**

7. **2**

5) Faye received twenty-two dollars for her birthday. Later she found some toys that cost three dollars each. How much money would she have left if she bought as many as she could?

$22 \div 3 = 7 \text{ r}1$

8. **2**

9. **8**

6) Vanessa had saved up thirty-seven quarters and decided to spend them on sodas. If it costs seven quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?

$37 \div 7 = 5 \text{ r}2$

10. **10**

7) An art museum had ten pictures to split equally into three different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?

$10 \div 3 = 3 \text{ r}1$

8) Carol had twenty songs on her mp3 player. If she wanted to put the songs equally into three different playlists, how many songs would she have left over?

$20 \div 3 = 6 \text{ r}2$

9) Victor's dad bought forty-two meters of string. If he wanted to cut the string into pieces with each piece being five meters long, how many full sized pieces could he make?

$42 \div 5 = 8 \text{ r}2$

10) There are twenty-eight students going to a trivia competition. If each school van can hold three students, how many vans will they need?

$28 \div 3 = 9 \text{ r}1$

Division with Remainder (1 Digit Quotient)   Name:

Use division to solve each problem.

6	1	4	2	8
6	5	2	9	10

1. _____

2. _____

3. _____

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