Name _____   Date _____

Dividing Whole Numbers

In this worksheet, we will practice dividing whole numbers. Sometimes, quotients will have remainders; sometimes, there will be no remainder.

| Example 1:
$525 \div 5 = ?$

$$\begin{array}{r} 105 \\ 5\overline{)525} \\ -50 \\ \hline 25 \end{array}$$

So:
$525 \div 5 = 105$ | Example 2:
$50 \div 7 = ?$

$$\begin{array}{r} 7 \\ 7\overline{)50} \\ -49 \\ \hline 1 \end{array}$$

So:
$50 \div 7 = 7$ remainder 1, or 7 r 1 | The word questions below are also asking you to divide. For example: There are 12 apples. If the apples are put into 4 piles, how many are in each group?

$12 \div 4 = 3$ |

Exercise Questions:

1. Write the quotient:

$129 \div 3 =$ _____

2. Write the quotient:

$258 \div 8 =$ _____

3. Write the quotient:

$394 \div 7 =$ _____

4. Write the quotient:

$3636 \div 6 =$ _____

5. There are 20 students in Mr. James' class. If they are put into 4 groups, how many students are in each group? _____

6. Daria is having a birthday party. She made 32 treat bags. If she puts them equally in 6 bowls, how many will be in each bowl? How many will be left over?

_____ in each bowl   _____ left over

7. Thomas has 48 rocks in his rock collection. He can put 12 into one display case. How many display cases does he need? _____

8. Caroline has 34 dolls. If she puts them equally on 3 shelves, how many will be on each shelf? How many will be left over?

_____ on each shelf   _____ left over

Dividing Whole Numbers

In this worksheet, we will practice dividing whole numbers. Sometimes, quotients will have remainders; sometimes, there will be no remainder.

| Example 1:
$525 \div 5 = ?$

$$\begin{array}{r} 105 \\ 5\sqrt{525} \\ -50 \\ \hline 25 \end{array}$$

So:
$525 \div 5 = 105$ | Example 2:
$50 \div 7 = ?$

$$\begin{array}{r} 7 \\ 7\sqrt{50} \\ -49 \\ \hline 1 \end{array}$$

So:
$50 \div 7 = 7$ remainder 1, or 7 r 1 | The word questions below are also asking you to divide. Dividing a whole number by a fraction when the top number (numerator) is 1 is easy! Just divide the whole number by the fraction's bottom number (denominator).

Ex. Alice baked 12 pies. 1/4 pies are apple pies. How many apple pies did Alice bake?

$12 \div 4 = 3$ (Alice baked 3 apple pies). |

Exercise Questions:

1. Write the quotient:

$129 \div 3 =$ _43_

2. Write the quotient:

$258 \div 8 =$ 32 r2

3. Write the quotient:

$394 \div 7 =$ 56 r2

4. Write the quotient:

$3636 \div 6 =$ 606

5. There are 20 students in Mr. James' class. If they are put into 4 groups, how many students are in each group? _5_

6. Daria is having a birthday party. She made 32 treat bags. If she puts them equally in 6 bowls, how many will be in each bowl? How many will be left over?

_5_ in each bowl   _2_ left over

7. Thomas has 48 rocks in his rock collection. He can put 12 into one display case. How many display cases does he need? _4_

8. Caroline has 34 dolls. If she puts them equally on 3 shelves, how many will be on each shelf? How many will be left over?

_11_ on each shelf   _1_ left over

© www.LittleWorksheets.com