

Dividing Whole Numbers

Pre-Check: show what you know.

Score _____ / 6

1. Divide.

$$7,200 \div 8 = \underline{\hspace{2cm}}$$

$$3,500 \div 5 = \underline{\hspace{2cm}}$$

$$8,000 \div 4 = \underline{\hspace{2cm}}$$

2. Estimate with numbers that divide easily.

$$4,523 \div 5$$

Estimate $\underline{\hspace{1cm}} \div \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

3. Multiply.

$$23 \times 4 = \underline{\hspace{2cm}}$$

$$23 \times 40 = \underline{\hspace{2cm}}$$

$$16 \times 7 = \underline{\hspace{2cm}}$$

$$16 \times 70 = \underline{\hspace{2cm}}$$

4. Subtract.

7	2	4
-	3	6

1	5	0	3
-		8	4

5. Divide. Write the remainder.

6	)	7	5	8	R	_____

6. A teacher has 75 pencils. She puts 9 pencils in each cup. How many cups does she need for all the pencils?

$\underline{\hspace{1cm}} \div \underline{\hspace{1cm}} = \underline{\hspace{1cm}} \text{ R } \underline{\hspace{1cm}}$
_____ cups

Dividing Whole Numbers

Pre-Check: show what you know.

Score _____ / 6

1. Divide.

$$7,200 \div 8 = \underline{900}$$

$$3,500 \div 5 = \underline{700}$$

$$8,000 \div 4 = \underline{2,000}$$

Lesson 4.1 · Divide by multiples of 10

2. Estimate with numbers that divide easily.

$$4,523 \div 5 \quad \text{One way}$$

$$\text{Estimate } \underline{4,500} \div \underline{5} = \underline{900}$$

Lesson 4.2 · Estimate quotients

3. Multiply.

$$23 \times 4 = \underline{92}$$

$$23 \times 40 = \underline{920}$$

$$16 \times 7 = \underline{112}$$

$$16 \times 70 = \underline{1,120}$$

Lesson 4.3 · Area models and partial quotients

4. Subtract.

$$\begin{array}{r} 724 \\ - 368 \\ \hline 356 \end{array}$$

$$\begin{array}{r} 1503 \\ - 846 \\ \hline 657 \end{array}$$

Lesson 4.4 · The standard algorithm

5. Divide. Write the remainder.

$$\begin{array}{r} 126R2 \\ 6 \overline{) 758} \\ \underline{- 6} \\ 15 \\ \underline{- 1} 2 \\ 38 \\ \underline{- 3} 6 \\ 2 \end{array}$$

Lesson 4.4 · The standard algorithm

6. A teacher has 75 pencils. She puts 9 pencils in each cup. How many cups does she need for all the pencils?

$$\underline{75} \div \underline{9} = \underline{8} R \underline{3}$$

9 cups

Lesson 4.6 · What the remainder means