

Place Value and Decimals

Pre-Check: show what you know.

Score _____ / 6

1. Write the missing numbers.

$$10 \times 40 = \underline{\hspace{2cm}}$$

$$7,000 \div 10 = \underline{\hspace{2cm}}$$

$$900 \text{ is } 10 \text{ times } \underline{\hspace{2cm}}$$

2. Multiply or divide.

$$23 \times 100 = \underline{\hspace{2cm}}$$

$$6 \times 1,000 = \underline{\hspace{2cm}}$$

$$4,500 \div 100 = \underline{\hspace{2cm}}$$

3. Write each fraction as a decimal.

$$2 \frac{7}{10} = \underline{\hspace{2cm}}$$

$$\frac{58}{100} = \underline{\hspace{2cm}}$$

$$4 \frac{3}{100} = \underline{\hspace{2cm}}$$

4. Write the value of each digit named.

The 7 in 472,516 is worth _____

The 8 in 6.84 is worth _____

5. Write $>$, $<$ or $=$ in each circle.

$$0.8 \bigcirc 0.79$$

$$0.9 \bigcirc 0.90$$

$$1.4 \bigcirc 1.45$$

6. Round each number to the place named.

Number	Nearest	Rounded
3,862	hundred	
47,519	thousand	
684	ten	

Place Value and Decimals

Pre-Check: show what you know.

Score _____ / 6

1. Write the missing numbers.

$$10 \times 40 = \underline{400}$$

$$7,000 \div 10 = \underline{700}$$

$$900 \text{ is } 10 \text{ times } \underline{90}$$

Lesson 1.1 · Ten times as much, one tenth as much

2. Multiply or divide.

$$23 \times 100 = \underline{2,300}$$

$$6 \times 1,000 = \underline{6,000}$$

$$4,500 \div 100 = \underline{45}$$

Lesson 1.3 · Multiply and divide by 10, 100 and 1,000

3. Write each fraction as a decimal.

$$2 \frac{7}{10} = \underline{2.7}$$

$$\frac{58}{100} = \underline{0.58}$$

$$4 \frac{3}{100} = \underline{4.03}$$

Lesson 1.4 · Thousandths in every form

4. Write the value of each digit named.

The 7 in 472,516 is worth 70,000
or 7 ten thousands

The 8 in 6.84 is worth 0.8
or 8 tenths

Lesson 1.4 · Thousandths in every form

5. Write $>$, $<$ or $=$ in each circle.

$$0.8 \bigcirc 0.79$$

$$0.9 \bigcirc 0.90$$

$$1.4 \bigcirc 1.45$$

Lesson 1.6 · Compare and order decimals

6. Round each number to the place named.

Number	Nearest	Rounded
3,862	hundred	3,900
47,519	thousand	48,000
684	ten	680

Lesson 1.7 · Round decimals