

# Cumulative Practice

Name: \_\_\_\_\_

## Set 1: Compare Whole Numbers

Write  $<$ ,  $>$ , or  $=$  in each circle to compare the numbers.

1  $21,442$    $214,420$

2  $372$    $3,151$

3  $9,000$    $8,999$

4  $201,253$    $201,189$

5  $915,298$    $915,298$

6  $55,000$    $50,555$

## Set 2: Round Whole Numbers

Round each number to the nearest ten for problems 1–3.

1  $621,583$  .....

2  $77$  .....

3  $596$  .....

Round each number to the nearest hundred for problems 4–6.

4  $1,547$  .....

5  $45,951$  .....

6  $312,672$  .....

Round each number to the nearest thousand for problems 7–9.

7  $52,131$  .....

8  $98,912$  .....

9  $672$  .....

Round each number to the nearest ten thousand for problems 10–12.

10  $915,039$  .....

12  $81,987$  .....

13  $8,645$  .....

## Set 3: Add and Subtract Whole Numbers

Add or subtract. Show your work.

1 
$$\begin{array}{r} 54,138 \\ + 24,231 \\ \hline \end{array}$$

2 
$$\begin{array}{r} 9,135 \\ + 5,897 \\ \hline \end{array}$$

3 
$$\begin{array}{r} 17,821 \\ + 4,830 \\ \hline \end{array}$$

4 
$$\begin{array}{r} 98,568 \\ - 32,421 \\ \hline \end{array}$$

5 
$$\begin{array}{r} 15,293 \\ - 9,424 \\ \hline \end{array}$$

6 
$$\begin{array}{r} 9,295 \\ - 8,931 \\ \hline \end{array}$$

## Set 4: Multiply and Divide in Word Problems

**Multiply or divide to solve the problems. Show your work.**

- 1 In a soccer game, Lia takes 3 times as many shots as Talisha. Talisha takes 5 shots. How many shots does Lia take?
- 2 Paul is 6 times as old as his brother. Paul is 12 years old. How old is his brother?
- 3 Sujin babysat 20 hours this week. That is 4 times as long as she babysat last week. How long did she babysit last week?

## Set 5: Multi-Step Problems

**Write an equation with a variable and then solve the problem. Show your work.**

- 1 Adult movie tickets cost \$10 and child movie tickets cost \$5. What is the cost,  $c$ , of 4 adult tickets and 6 child tickets?
- 2 Connor makes 3 batches of muffins. Each batch has 12 muffins. Connor eats 2 muffins. What is  $m$ , the number of muffins Connor has left?
- 3 Shanice has 5 days to read 30 pages of her history book and 15 pages of her science book. She plans to read an equal number of pages each day. What is  $p$ , the number of pages Shanice must read per day?

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## Set 6: Multiply by One-Digit and Two-Digit Numbers

**Multiply. Show your work.**

$$\begin{array}{r} 1 \quad 2,241 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 784 \\ \times \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 4,291 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \quad 28 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \quad 46 \\ \times 62 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \quad 83 \\ \times 44 \\ \hline \end{array}$$

## Set 7: Divide Three-Digit and Four-Digit Numbers

**Divide. Show your work.**

$$1 \quad 203 \div 7$$

$$2 \quad 6,528 \div 8$$

$$3 \quad 6,349 \div 9$$

## Set 8: Compare Fractions and Decimals

**Write <, >, or = in each circle to compare the decimals for problems 1–3.**

$$1 \quad 0.2 \bigcirc 0.20$$

$$2 \quad 0.24 \bigcirc 0.3$$

$$3 \quad 0.84 \bigcirc 0.48$$

**Compare the fractions using <, > or = for problems 4–6.**

**Show your work.**

$$4 \quad \frac{2}{5} \text{ and } \frac{5}{8}$$

$$5 \quad \frac{3}{4} \text{ and } \frac{2}{3}$$

$$6 \quad \frac{3}{5} \text{ and } \frac{60}{100}$$

## Set 9: Add and Subtract Fractions

Fill in the blanks to complete the equations for problems 1–3.

1  $\frac{5}{8} = \frac{2}{8} + \dots$

2  $\frac{9}{10} = \frac{3}{10} + \frac{2}{10} + \dots$

3  $\frac{3}{6} = \frac{1}{6} + \frac{1}{6} + \dots$

Add or subtract to solve problems 4 and 5. Show your work.

- 4 Dora has  $\frac{5}{10}$  pint of strawberries and  $\frac{2}{10}$  pint of raspberries. How many pints of berries does she have altogether?

- 5 Andy and Javier need to clean their whole house. Andy cleans  $\frac{2}{6}$  of the house and Javier cleans  $\frac{3}{6}$  of the house. What fraction of the house is left to clean?

## Set 10: Relate Decimals and Fractions

Write each decimal as a fraction with a denominator of 100 for problems 1–3.

1  $0.07 = \dots$

2  $0.6 = \dots$

3  $1.25 = \dots$

Write each fraction as a decimal for problems 4–6.

4  $\frac{9}{10} = \dots$

5  $\frac{75}{100} = \dots$

6  $\frac{2}{100} = \dots$

## Set 11: Multiply Fractions by Whole Numbers

Solve the problems. Show your work.

- 1 Tim has 5 bags of grapes. Each bag weighs  $\frac{1}{2}$  pound. How many pounds of grapes does he have?

- 2 Julieta reads for  $\frac{3}{4}$  of an hour for 6 days in a row. How much time does she spent reading altogether?