

## Cumulative Practice

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

## Set 1: Multiplication and Comparison

Fill in the blanks.

- 1 What two comparisons does the equation  $5 \times 8 = 40$  show?

\_\_\_\_\_ is \_\_\_\_\_ times as many as \_\_\_\_\_.

\_\_\_\_\_ is \_\_\_\_\_ times as many as \_\_\_\_\_.

- 2 What two equations do the comparison  $12 = 4 \times 3$  represent?

\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_      \_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_

- 3 What two equations represent the comparison  $12 = 4 \times 3$ ?

\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_      \_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_

## Set 2: Multiplication and Division in Word Problems

Solve the problems. Show your work.

- 1 Marcus picks 4 times as many blueberries as Tim. Marcus picks 20 cups of blueberries. How many cups of blueberries does Tim pick?

- 2 Ceramic tiles come in packs of 9. Jillian needs 4 times that amount to tile her bathroom floor. How many tiles does Jillian need?

## Set 3: Multi-step Word Problems

**Write and solve an equation with a variable for each word problem.**

**Show your work.**

- 1 Aman sells clay flowerpots for \$6 each. He has earned \$36 so far. How many more clay flowerpots does Aman need to sell to earn enough money to buy a pair of shoes that costs \$55?
- 2 A city had 62 millimeters of rain in January. That is twice the amount of rain the city had in February. How much rain did the city have in January and February?
- 3 In a video game, Tara earns 10 tokens on each of the first four levels and 8 tokens on each of the next three levels. How many tokens does Tara collect in all seven levels?
- 4 Tommy makes lanyards that he sells for \$3 each. He sold 12 lanyards. Then he spends \$5 on materials to make more lanyards. How much money does Tommy have left?

## Set 4: Place Value

Describe how each place is related to the place next to it.

- 10 tens is 1 \_\_\_\_\_.
- 10 thousands is 1 \_\_\_\_\_.
- 10 \_\_\_\_\_ is 1 ten.
- 10 \_\_\_\_\_ is 1 hundred.
- 10 ten thousands is 1 \_\_\_\_\_.
- 10 \_\_\_\_\_ is 1 thousand.

## Set 5: Compare Whole Numbers

Write the symbol ( $>$ ,  $<$ ,  $=$ ) that makes each statement true.

- 527  4,024
- 38,596  5,890
- 173,005  174,005
- 482  481
- 7,264  70,321
- 8,256  8,257
- 384,847  384,847
- 37,834  370,834
- 706,010  706,001
- 20,000  24,005
- 937,284  737,284
- 836,396  837,285

## Set 6: Round Multi-Digit Whole Numbers

Round each number.

- Round 4,752 to the nearest thousand: \_\_\_\_\_
- Round 524 to the nearest ten: \_\_\_\_\_
- Round 55,758 to the nearest ten thousand: \_\_\_\_\_
- Round 55 to the nearest hundred: \_\_\_\_\_
- Round 661 to the nearest hundred: \_\_\_\_\_
- Round 6,274 to the nearest hundred: \_\_\_\_\_
- Round 173,593 to the nearest thousand: \_\_\_\_\_
- Round 704,368 to the nearest ten thousand: \_\_\_\_\_
- Round 105,238 to the nearest thousand: \_\_\_\_\_
- Round 485,320 to the nearest ten thousand: \_\_\_\_\_

## Set 7: Add Whole Numbers

Find the sum using the standard algorithm. Show your work.

$$\begin{array}{r} 1 \quad 1,306 \\ + 2,724 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 36,693 \\ + 5,206 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 82,884 \\ + 73,285 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \quad 105,275 \\ + 5,783 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \quad 174,274 \\ + 105,289 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \quad 202,402 \\ + 26,920 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \quad 62,368 \\ + 74,724 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \quad 50,233 \\ + 487,999 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \quad 743,864 \\ + 854,764 \\ \hline \end{array}$$

## Set 8: Subtract Whole Numbers

Find the difference using the standard algorithm. Show your work.

$$\begin{array}{r} 1 \quad 5,720 \\ - 1,698 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 17,292 \\ - 9,027 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 42,555 \\ - 21,789 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \quad 30,341 \\ - 17,478 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \quad 188,525 \\ - 26,124 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \quad 417,888 \\ - 386,828 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \quad 284,486 \\ - 275,857 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \quad 924,252 \\ - 834,567 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \quad 527,826 \\ - 527,826 \\ \hline \end{array}$$