Cumulative Practice

Name: _____

Set 1: Multiply by One-Digit Numbers

Multiply. Show your work.

1. 152×6

2. 77×4

3. 273×8

Set 2: Multiply by Two-Digit Numbers

Multiply. Show your work.

1. 55×16

2. 39×14

3. 78×42

Set 3: Divide Three-Digit Numbers

Divide. Show your work.

1. $108 \div 6$

2. $450 \div 8$

Set 4: Divide Four-Digit Numbers

Divide. Show your work.

1. 4,845 ÷ 5
2. 2,121 ÷ 7
3. 3,130 ÷ 6

Set 5: Multiplication as a Comparison

Write a multiplication equation to represent and solve each problem. Show your work.

1. Zari picked 8 flowers. Her brother picked 3 times as many flowers. How many flowers did Zari's brother pick?

2. Ian earns $9 babysitting one week. The next week, he earns 4 times as much. How much does Ian earn the next week?

3. Cory swims 6 laps. Jen swims 2 times as many laps as Cory. How many laps does Jen swim?

4. Juana has 7 times as many nickels as dimes. She has 4 dimes. How many nickels does she have?

5. Mireya lives 9 miles from the ocean. Louis lives 7 times as far from the ocean as Mireya. How far from the ocean does Louis live?

Name: _____

Set 6: Multiplication and Division in Word Problems

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

1. Kate runs 9 miles in one week. She runs 3 times as far as Jordan. How far does Jordan run?

2. Alejo eats 8 raisins. His brother eats 5 times as many raisins. How many raisins does his brother eat?

3. Colin studies for 5 minutes. Ayana studies for 6 times as long. How long does Ayana study?

4. Cristina buys a jacket and a pair of socks. The jacket costs $32. The jacket costs 8 times as much as the socks. How much do the socks cost?

Set 7: Multi-Step Problems

Write and solve an equation with a variable for each problem. Show your work.

1. In a game, Tom scores 8 points in each of the first four rounds. He scores 2 points in each of the next three rounds. How many points does he score in all seven rounds?

2. Alicia spends 8 hours in a week playing hockey. That is 4 times the number of hours she spends playing basketball. Altogether, how long does she spend playing both sports?

Set 8: Round Whole Numbers

Round the given numbers to each place given below.

Round 92,283

1. To the nearest ten .....
2. To the nearest hundred .....
3. To the nearest thousand .....
4. To the nearest ten thousand .....

Round 215,297

5. To the nearest ten .....
6. To the nearest hundred .....
7. To the nearest thousand .....
8. To the nearest ten thousand .....

Round 8,749

9. To the nearest ten .....
10. To the nearest hundred .....
11. To the nearest thousand .....
12. To the nearest ten thousand .....

Set 9: Add and Subtract Whole Numbers

Add or subtract for problems 1–6. Show your work.

1. 6,152 + 3,726
2. 2,184 + 926
3. 7,651 − 5,421
4. 51,516 + 45,295
5. 63,028 − 32,193
6. 6,103 − 5,945

Fill in the missing digits that make each problem true for problems 7–9.

7.
$$\begin{array}{r} \square,12\square \\ -\ 4,289 \\ \hline 1,84\square \end{array}$$

8.
$$\begin{array}{r} 15,193 \\ +\ \square\square,\square\square\square \\ \hline 42,518 \end{array}$$

9.
$$\begin{array}{r} \square,33\square \\ -\ 2,\square35 \\ \hline 4,598 \end{array}$$