Cumulative Practice

Name: _____

Set 1: Multiplication as a Comparison

Fill in the blanks.

1. What two comparisons does the equation $5 \times 6 = 30$ show?

   _____ is _____ times as many as _____.

   _____ is _____ times as many as _____.

2. What two equations does the comparison *24 is 6 times as many as 4* represent?

   _____ × _____ = _____ _____ × _____ = _____

3. What two equations does the comparison *32 is 4 times as many as 8* represent?

   _____ × _____ = _____ _____ × _____ = _____

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 altogether in January and February?

3. In a video game, Tara collects 5 tokens on each of the first four levels and 8 tokens on each of the other three levels. How many tokens does Tara collect in all seven levels?

4. Tommy makes lanyards that he sells for $3 each. He sells 6 lanyards. Then he spends $5 on materials to make more lanyards and $2 on a drink. How much money does Tommy have left?

Name: _____

Set 4: Place Value

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

1. 10 tens is 1 _____.
2. 10 thousands is 1 _____.
3. 10 _____ is 1 ten.
4. 10 _____ is 1 hundred.
5. 10 ten thousands is 1 _____.
6. 10 _____ is 1 thousand.

Set 5: Compare Whole Numbers

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

1. 527 ◯ 4,024
2. 38,596 ◯ 8,589
3. 173,895 ◯ 174,895
4. 482 ◯ 481
5. 7,264 ◯ 70,321
6. 8,264 ◯ 8,254
7. 384,847 ◯ 384,847
8. 37,834 ◯ 370,834
9. 706,010 ◯ 706,001
10. 204,005 ◯ 24,005
11. 937,284 ◯ 737,284
12. 836,396 ◯ 837,285

Set 6: Round Multi-Digit Whole Numbers

Round each number.

1. Round 4,752 to the nearest thousand: _____
2. Round 524 to the nearest ten: _____
3. Round 35,758 to the nearest ten thousand: _____
4. Round 55 to the nearest hundred: _____
5. Round 28,461 to the nearest ten: _____
6. Round 8,274 to the nearest hundred: _____
7. Round 173,593 to the nearest thousand: _____
8. Round 704,368 to the nearest ten thousand: _____
9. Round 105,238 to the nearest thousand: _____
10. Round 485,320 to the nearest ten thousand: _____

Set 7: Add Whole Numbers

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

1. 1,306 + 3,734
2. 36,693 + 5,206
3. 82,884 + 73,385
4. 105,275 + 5,783
5. 174,274 + 105,289
6. 293,402 + 26,920
7. 62,368 + 74,724
8. 562,286 + 487,999
9. 743,864 + 854,764

Set 8: Subtract Whole Numbers

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

1. 5,720 − 1,698
2. 17,292 − 9,027
3. 42,359 − 21,759
4. 30,341 − 17,478
5. 188,525 − 26,124
6. 417,283 − 386,828
7. 284,486 − 275,857
8. 924,356 − 834,567
9. 946,284 − 527,826