

Name _____

***1.** **Formulate** Brand A costs two dollars and forty-three cents. Brand B costs five dollars and seven cents. Brand B costs how much more than Brand A? Write an equation and solve this problem.
(31, 41)

***2.** **Connect** The numbers 3, 4, and 12 form a multiplication and division fact family.
(47)

$$3 \times 4 = 12 \quad 12 \div 4 = 3$$

$$4 \times 3 = 12 \quad 12 \div 3 = 4$$

Write four multiplication/division facts using the numbers 4, 5, and 20.

***3.** What is the sum of the decimal numbers two and three tenths and eight and nine tenths?
(Inv. 4, 43)

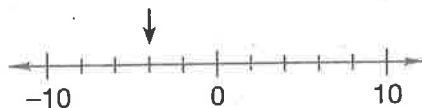
***4.** **Conclude** Use the digits 1, 5, 6, and 8 to write an even number greater than 8420. Each digit may be used only once.
(10)

5. a. Compare: $1\frac{1}{2}$ \bigcirc 1.75
(7, Inv. 4)

b. Use words to write the greater of the two numbers you compared in part a.

6. **Analyze** Carlos will use square floor tiles that measure one foot on each side to cover a hallway that is eight feet long and four feet wide. How many floor tiles will Carlos need?
(Inv. 3)

7. **Represent** To what number is the arrow pointing?
(Inv. 1)



8. a. Five dimes are what fraction of a dollar?
(36)

b. Write the value of five dimes using a dollar sign and a decimal point.

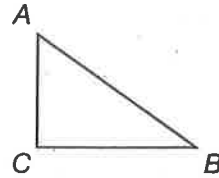
***9.** The length of segment PQ is 2 cm. The length of segment PR is 11 cm. How long is segment QR ?
(11)



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- *10. **Conclude** Which segment in this triangle appears to be perpendicular to segment AC?



11. Round 3296 to the nearest hundred.

12. Use words to write 15,000,000.

*13. $95 - (7 \times \sqrt{64})$

14. $\$2.53 + 45\text{¢} + \3

*15.
$$\begin{array}{r} n \\ - 5.1 \\ \hline 2.3 \end{array}$$

16.
$$\begin{array}{r} 40 \\ \times 3 \\ \hline \end{array}$$

*17.
$$\begin{array}{r} 51 \\ \times 5 \\ \hline \end{array}$$

*18. $28 \div 7$

*19. $81 \div 9$

*20. $35 \div 7$

*21. $16 \div 4$

*22. $\frac{28}{4}$

*23. $\frac{42}{7}$

*24. $\frac{48}{8}$

*25. $\frac{0}{5}$

- *26. **Multiple Choice** Which of these does *not* show 24 divided by 4?

A $24 \overline{)4}$

B $\frac{24}{4}$

C $24 \div 4$

D $4 \overline{)24}$

27. a. Is \$12.90 closer to \$12 or to \$13?

(20)

- b. Is 12.9 closer to 12 or to 13?

- *28. Describe the order of operations in these expressions, and find the number each expression equals.

(45)

a. $12 \div (6 \div 2)$

b. $(12 \div 6) \div 2$

- c. **Conclude** Does the Associative Property apply to division? Explain.

29. In the year 2003, each visitor to the country of Mexico spent an average of \$540. Each visitor to the country of Canada spent an average of \$557. How many more dollars did each visitor to Canada spend in 2003?

(11, 13)

Name _____

***30.**
(25, 42)**Estimate**

One of the largest hammerhead sharks ever caught weighed 991 pounds. One of the largest porbeagle sharks ever caught weighed 507 pounds. Round to the nearest hundred pounds to estimate the weight difference of those two sharks.

**Early
Finishers***Real-World
Connection*

The band played for 18 minutes during halftime at the football game. Each song was 3 minutes long. How many songs did the band play during halftime?

- Write a division equation that could be used to find the answer.
- Write a multiplication equation that could be used to find $18 \div 3$.
- Explain how multiplication and division are related.