

Formulate Write and solve equations for problems 1 and 2.

*1. ⁽⁴⁹⁾ There were 8 boys in each row. There were 4 rows. How many boys were in all 4 rows?

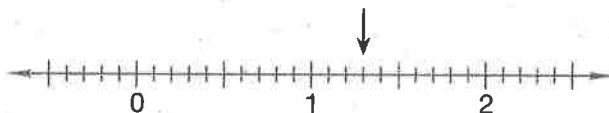
*2. ⁽⁴⁹⁾ There were 7 girls in each row. There were 9 rows. How many girls were in all 9 rows?

*3. ⁽³¹⁾ A llama weighs about 375 pounds. A coyote weighs about 75 pounds. A llama weighs about how many pounds more than a coyote?

*4. ⁽⁴⁷⁾ **Connect** Write four multiplication/division facts using 5, 6, and 30.

*5. ⁽³⁵⁾ **Represent** Draw and shade circles to show the number $2\frac{3}{4}$.

*6. ⁽³⁷⁾ To what mixed number and decimal number is the arrow pointing?



*7. ⁽²⁷⁾ Tika is a college student. She began her homework last night at the time shown on the clock. She finished two and one half hours later. What time did Tika finish her homework?



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*8. ^(21, 26) **Represent** Draw a rectangle that is 4 cm by 2 cm. Shade $\frac{7}{8}$ of it.

*9. ^(33, 34) **Identify** Use digits to write three million, seven hundred fifty thousand. Which digit is in the hundred-thousands place?

*10. ⁽⁶⁾ **Compare** Use the decimal numbers 1.4, 0.7, and 2.1 to write two addition facts and two subtraction facts.

*11. ⁽⁴⁷⁾ $56 \div 7$

*12. ⁽⁴⁷⁾ $64 \div 8$

*13. ⁽⁴⁷⁾ $\frac{45}{9}$

*14. ⁽⁶⁾ The length of segment RT is 9 cm. The length of segment ST is 5 cm. What is the length of segment RS ?



Name _____

$$\begin{array}{r} 15. \quad \$3.07 \\ (41) \quad - \$2.28 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 4.78 \\ (43) \quad - 3.90 \\ \hline \end{array}$$

$$*17. (4 + 3) \times \sqrt{64}$$

(Inv. 3, 45)

$$\begin{array}{r} 18. \quad 7.07 \\ (24, 43) \quad - \quad n \\ \hline 4.85 \end{array}$$

$$\begin{array}{r} 19. \quad c \\ (16, 43) \quad - 2.3 \\ \hline 4.8 \end{array}$$

$$*20. 403 - (5 \times 80)$$

(45)

$$21. 6n = 30$$

(41)

$$22. (587 - 238) + 415$$

(45)

$$*23. \quad 45 \\ (48) \quad \times 6 \\ \hline$$

$$*24. \quad 23 \\ (48) \quad \times 7 \\ \hline$$

$$*25. \quad \$34 \\ (48) \quad \times 8 \\ \hline$$

*26. **Multiple Choice** The radius of a circle is 3 ft. Which of the following is *not* the diameter of the circle?

(Inv. 2, 21)

A 36 in.

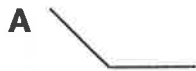
B 6 ft

C 2 yd

D 72 in.

*27. **Multiple Choice** Which of these angles is acute?

(23)



*28. Solve:

(47)

a. $\frac{5}{5}$

b. $9 \div 1$

c. $6\sqrt{0}$

29. **Estimate** One human hand has 27 bones. One human foot has 26 bones. About how many bones are in two hands plus two feet? Explain why your estimate is reasonable.

(49)

*30. **Estimate** The land area of Booker T. Washington National Monument in Virginia is 239 acres. The land area of Cabrillo National Monument in California is 160 acres. What is a reasonable estimate of the total acreage of these two national monuments? Explain why your estimate is reasonable.

(11, 17)