

Name \_\_\_\_\_

Write and solve equations for problems 1 and 2.

1. Twenty-eight children were in the first line. Forty-two children were in the second line. Altogether, how many children were in both lines?  
(1, 9)

\*2. Tina knew that there were 28 books in the two stacks. Tina counted 12 books in the first stack. Then she figured out how many books were in the second stack. How many books were in the second stack?  
(11, 14)

3. Use the digits 1, 2, and 3 to write an odd number greater than 300. Each digit may be used only once.  
(10)

\*4. **Conclude** Write the next three numbers in each counting sequence:  
(3)

a. ... , 40, 36, 32, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, ...

b. ... , 30, 27, 24, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, ...

\*5. **Connect** Use the numbers 15, 16, and 31 to write two addition facts and two subtraction facts.  
(6)

6. Use digits and a comparison symbol to show that six hundred thirty-eight is less than six hundred eighty-three.  
(Inv. 1)

\*7. a. Round 92 to the nearest ten.  
(20)

b. Round \$19.67 to the nearest dollar.

\*8. **Use a Ruler** The radius of a nickel is 1 centimeter. If 10 nickels are placed in a row, how long will the row be? Describe how you found your answer.  
(21)

\*9. Use a centimeter ruler to measure this rectangle:  
(Inv. 2)

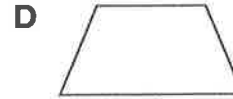
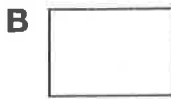


a. What is the length?

b. What is the width?

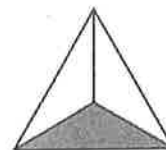
c. What is the perimeter?

\*10. **Multiple Choice** Which of these shapes has four right angles?  
(23)



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- \*11. What fraction of this triangle is shaded?  
(22)



- \*12. The clock shows the time that Reginald's last class of the day begins. The class ends at 2:55 p.m. How long is Reginald's last class of the day?  
(19)



\*13. 
$$\begin{array}{r} \$83 \\ - \$27 \\ \hline \end{array}$$

\*14. 
$$\begin{array}{r} 42 \\ - 27 \\ \hline \end{array}$$

\*15. 
$$\begin{array}{r} 72 \\ - 36 \\ \hline \end{array}$$

\*16. 
$$\begin{array}{r} \$4.28 \\ + \$1.96 \\ \hline \end{array}$$

\*17. 
$$\begin{array}{r} \$4.36 \\ + \$2.95 \\ \hline \end{array}$$

\*18. 
$$\begin{array}{r} 57 \\ + k \\ \hline 88 \end{array}$$

\*19. 
$$\begin{array}{r} 67 \\ - b \\ \hline 16 \end{array}$$

\*20. 
$$\begin{array}{r} k \\ - 22 \\ \hline 22 \end{array}$$

\*21.  $42 - 7$   
(15)

\*22.  $55 - 48$   
(15)

\*23.  $31 - 20$   
(14)

\*24.  $25 + 25 + 25 + 25$   
(17)

- \*25. a. How many nickels equal one dollar?  
(22)  
b. One nickel is what fraction of a dollar?  
c. Seven nickels are what fraction of a dollar?

- \*26. **Multiple Choice** If  $26 + m = 63$ , then which of these equations is not true?  
(6)

A  $m + 26 = 63$

B  $m - 63 = 26$

C  $63 - m = 26$


D  $63 - 26 = m$

- \*27. **Multiple Choice** Which of these figures illustrates a ray?  
(23)



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- \*28.**  **(22)** A music store is having a sale. Single CDs cost \$11.99 each. Double CDs cost \$22.99 each. What is a reasonable estimate of the cost of 3 single CDs? Explain why your answer is reasonable.

- 29.** Compare. Write  $>$ ,  $<$ , or  $=$ .  
*(Inv. 1)*

a.  $68 \bigcirc 71$

b.  $501 \bigcirc 267$

c.  $706 \bigcirc 709$

- \*30.** *(11, 14)* In the student council elections, 1300 votes were cast for the two candidates. One candidate received 935 votes. Write and solve an equation to find the number of votes the other candidate received.