

*1. Chazz pays \$7.50 every week for a bus pass. How much does she pay for 4 weeks of bus passes? Write an equation to solve the problem.


(57)

*2. It takes 4 apples to make 1 pint of applesauce. How many apples does it take to make 5 pints? Make a table to solve the problem.

(49)

*3. Calvin has to get up at 6 a.m. By what time should he go to bed in order to get 8 hours of sleep?

(27)

*4.  The store sells paint in quart cans, gallon cans, and 5-gallon cans. The price per quart is lower with larger cans. Hosni needs 8 quarts of paint. What containers of paint should he buy? Explain.

(40)

*5. **Represent** Write 8402 in expanded form. Then use words to write the number.

(16, 33)

*6. **Divide** Find the fourth multiple of 7. Then find the sixth multiple of 6. Add these multiples. What is the square root of the answer?

(Inv. 3)

*7. According to this calendar, what is the date of the second Tuesday in September 2042?

(54)

SEPTEMBER 2042						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

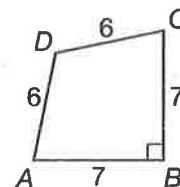
*8. If $5 + n = 23$, then what number does $n - 5$ equal?

(24)

*9. a. What is the perimeter of this figure? Measurements are in feet.

(Inv. 2, 23)

b. **Classify** Describe each angle as acute, obtuse, or right.



*10. **Represent** Compare these fractions. Draw and shade two congruent circles to show the comparison.

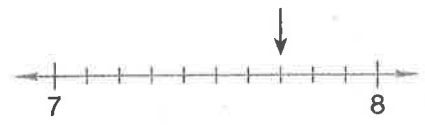
(26, 56)

$$\frac{1}{2} \bigcirc \frac{2}{4}$$

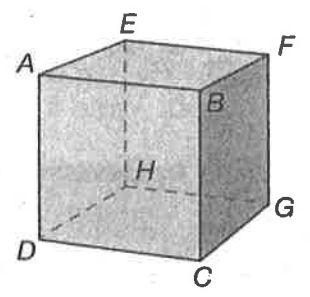
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Name _____

11. To what mixed number is the arrow pointing?
(37)



***12.** Which segment appears parallel to \overline{AB} ?
(23)



13. $0.47 + 3.62 + 0.85 + 4.54$
(50)

14. $\$3 + \$4.39 + \$12.62$
(43)

15. $36.47 - (3.5 + 12.6)$
(45, 50)

***16.** $\$20.00 - (29¢ + \$7)$
(45, 52)

***17.** $41,059 - 36,275$
(52)

***18.**
$$\begin{array}{r} 768 \\ \times 3 \\ \hline \end{array}$$

(58)

***19.**
$$\begin{array}{r} \$2.80 \\ \times 4 \\ \hline \end{array}$$

(58)

20.
$$\begin{array}{r} 436 \\ - \quad z \\ \hline 252 \end{array}$$

(24, 30)

***21.** $5 \overline{)36}$
(53)

22. $7 \overline{)45}$
(53)

23. $4 \overline{)35}$
(53)

24. **Explain** How can you find the product of 4×100 using only mental math?
(42, 55)

***25.** **Analyze** Two factors of 20 are 1 and 20 because $1 \times 20 = 20$. Find four more factors of 20.
(55)

***26.** According to the census, the population of South Fork was 6781.
(42, 54)

- Round 6781 to the nearest thousand.
- Round 6781 to the nearest hundred.

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Name _____

*27. **Multiple Choice** If $4n = 24$, then which of these equations is *not* true?
(47)

A $\frac{24}{4} = n$

B $\frac{24}{n} = 4$

C $2n = 12$

D $4n = 6$

28. a. Seven pennies are what fraction of a dollar?
(36, Inv. 5)

b. Write the value of seven pennies as a decimal part of a dollar.

c. Seven pennies are what percent of a dollar?

*29. **Multiple Choice** Which of these even numbers is a prime number?
(55)

A 2

B 4

C 6

D 8

*30. **Estimate** On a road trip across the country, Kwan drove 387 miles the first day and 409 miles the second day. If he drives about the same distance each day, approximately how many miles will Kwan drive in 5 days?
(58)