

Formulate Write and solve equations for problems 1 and 2.

***1.** (11, 30) Four hundred ninety-five oil drums were on the first train. Seven hundred sixty-two oil drums were on the first two trains combined. How many oil drums were on the second train?

***2.** (1, 17) Workers on a Montana ranch baled 82 bales of hay on the first day. They baled 92 bales of hay on the second day and 78 bales of hay on the third day. How many bales of hay did the workers bale in all three days?

***3.** (Inv. 4, 43) The decimal number three and seventy-eight hundredths is how much more than two and twelve hundredths?

***4.** (20, 42) **a.** Round 786 to the nearest hundred.
b. Round 786 to the nearest ten.

***5.** (35) **Represent** Draw and shade rectangles to show the number $2\frac{1}{3}$.

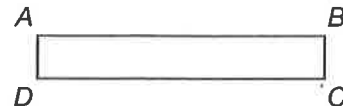
***6.** (1, Inv. 3) **Conclude** The first five odd numbers are 1, 3, 5, 7, and 9.
a. What is their sum?
b. What is the square root of their sum?

7. (27) The clock shows a morning time. What time was it 12 hours before that time?



***8.** (23) **Classify** What type of angle is formed by the hands of this clock?

***9.** (23, 39) **Estimate** **a.** Use an inch ruler to find the length of this rectangle to the nearest quarter inch.
b. Which segment is parallel to \overline{AB} ?



10. (Inv. 2) **Estimate** Kita took two dozen BIG steps. About how many meters did she walk?

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Name _____

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



*12. $64 + (9 \times 40)$
(45)

*13. $\$6.25 + 39¢ + \3
(43)

*14. $\$4.02$
 $-\$2.47$

*15. $\$5.00$
 $-\$2.48$

*16. n
 $+ 2.5$

3.7

*17. 4.3
 $- c$

3.2

*18. 42
 $\times 3$

*19. 81
 $\times 5$

*20. $6\overline{)30}$
(46)

*21. $7\overline{)21}$
(46)

*22. $8\overline{)56}$
(46)

*23. $9\overline{)81}$
(46)

*24. $7\overline{)28}$
(46)

*25. $3\overline{)15}$
(46)

- *26. **Draw** Draw a rectangle 3 in. long and 1 in. wide.
(Inv. 2, Inv. 3)

a. What is its perimeter?

b. What is its area?

- *27. **Multiple Choice** Rosario noticed that the distance from the pole in the center of the tetherball circle to the painted circle was about six feet. What was the approximate radius of the tetherball circle?
(21)

A 12 ft

B 4 yd

C 3 ft

D 2 yd

- *28. Tyrique, Dominic, and Tamasha checked their pockets for change. Tyrique had two dimes and a penny. Dominic had three nickels and two pennies. Tamasha had a nickel, a dime, and a penny. Using dollar signs and decimal points list the three amounts in order from least to greatest.
(4, 22)

- *29. **Predict** What is the twelfth term of the sequence below?
(3, 32)

12, 24, 36, 48, 60, ...

30.
(3)**Generalize**

Write a rule that describes the relationship of the data in the table.

Number of Teachers	1	2	3	4	5
Number of Students	7	14	21	28	35

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Cecilia's book had 58 pages. She read for 6 hours and had 4 pages left.

- About how many pages did Cecilia read each hour? Write a division problem to solve the problem.
- What number will go in the division box? Explain why.