

Name _____

Intermediate 4, Lesson 24

*1. Rafael placed two 1-foot rulers end to end. What was the total length of the two rulers in inches?
(Inv. 2)

*2. During the one-hour television show, there were 12 minutes of commercials. How many minutes of the hour were not commercials?
(11, 24)
Write an equation.

*3. **Multiple Choice** All the students lined up in two equal rows. Which could *not* be the total number of students?
(10)

A 36

B 45

C 60

D 24

*4. **Connect** Find the missing numbers in this counting sequence:
(3)

..., 9, 18, _____, _____, 45, _____, ...

*5. **Predict** Find the sixth number in this counting sequence:
(3, 5)

7, 14, 21, ...

6. Compare: $15 - 9$ \bigcirc $13 - 8$
(Inv. 1)

7. a. Round 77 to the nearest ten.
(20)

b. Round \$29.39 to the nearest dollar.

c. Round \$9.19 to the nearest 25 cents.

*8. **Estimate** A professional basketball player might be about how many meters tall?
(Inv. 2)

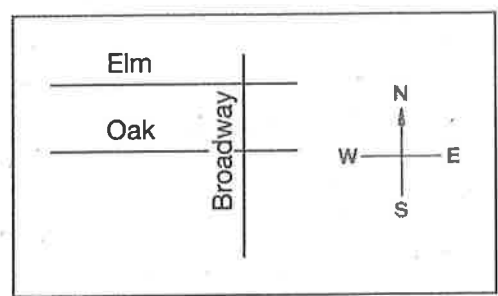
*9. Jeong and her friends attended an evening movie that began at the time shown on the clock. The movie ended at 9:05 p.m. How long was the movie?
(19)



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*** 10. Conclude** Which street is parallel to Elm?
(23)



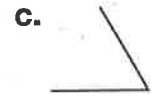
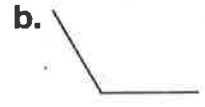
*** 11. a.** How many dimes equal one dollar?
(22)

b. One dime is what fraction of a dollar?

c. Nine dimes are what fraction of a dollar?

*** 12. Represent** Draw a rectangle that is 5 centimeters long and 2 centimeters wide. What is the perimeter?
(Inv. 2, 21)

*** 13.** Describe each type of angle shown below:
(23)



14. $\$31$
(15) $-\$14$

15. $\$468$
(13) $+\$247$

16. 57
(14) -37

17. $\$4.97$
(22) $+\$2.58$

*** 18.** $36 - c = 19$
(24)

19. $b + 65 = 82$
(24)

*** 20.** $87 + d = 93$
(24)

*** 21.** $n - 32 = 19$
(24)

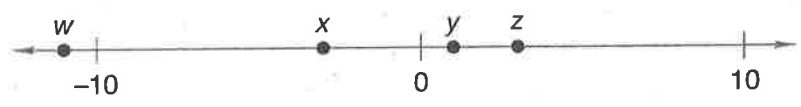
22. $48 - 28$
(14)

23. $41 - 32$
(15)

24. $76 - 58$
(15)

25. $416 + 35 + 27 + 43 + 5$
(17)

*** 26. Multiple Choice** Which point on this number line could represent -3 ?
(Inv. 1)



A point w

B point x


C point y

D point z

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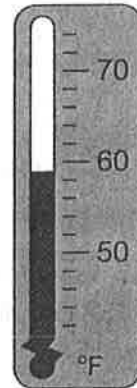
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***27.**  **Classify** How is a segment different from a line?
(23)

***28.**  **Estimate** Concert tickets cost \$18 each, not including a \$4.25 transaction fee for each ticket. What is a reasonable estimate of the cost to purchase two concert tickets? Explain why your estimate is reasonable.
(22)

29. **Read** The thermometer shows the high temperature on an April day in Nashville, Tennessee. What was the high temperature that day?
(18)

***30.** **Formulate** Write and solve an addition word problem that has a sum of 43.
(7)



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