

TELLING TIME

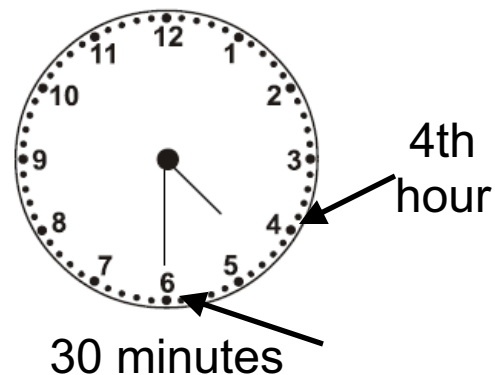
The long hand points to the MINUTES.
The short hand points to the HOUR.

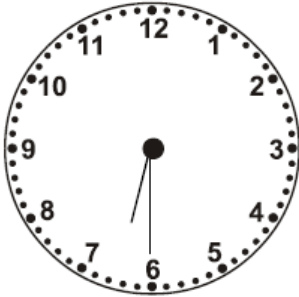
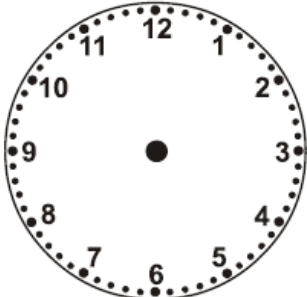
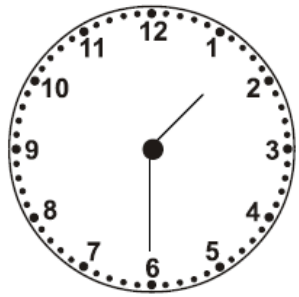
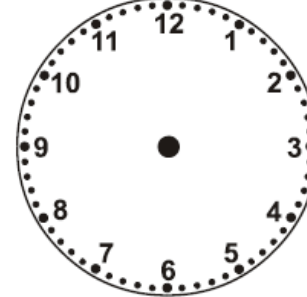
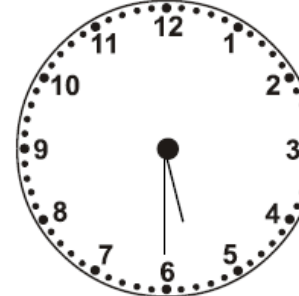
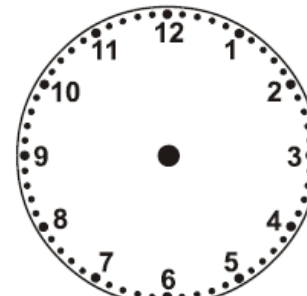
When the long hand is on the 6,
it is 30 minutes into the new hour.

To find the hour, look to see
which one it has passed—not the one coming up.

Four-thirty

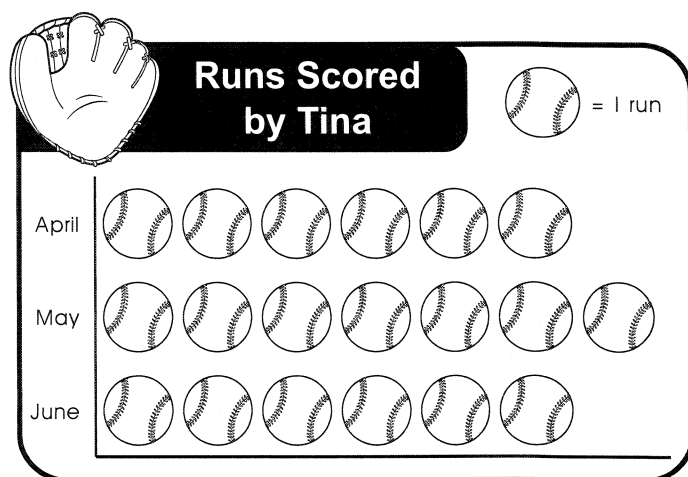
4:30



<p>1 What time does the clock show?</p>  <p>A. 7:30 B. 5:30 C. 6:30</p>	<p>4 Draw in the hands to show 2:30</p> 
<p>2 What time does the clock show?</p>  <p>A. 12:30 B. 2:30 C. 1:30</p>	<p>5 Draw in the hands to show 4:30</p> 
<p>3 What time does the clock show?</p>  <p>A. 7:30 B. 4:30 C. 5:30</p>	<p>6 Draw in the hands to show 11:30</p> 

Lesson 87

- $10 + 9 =$
- $14 - 5 =$
- $12 - 9 =$
- Look at the picture graph. How many runs did Tina score during April and May?

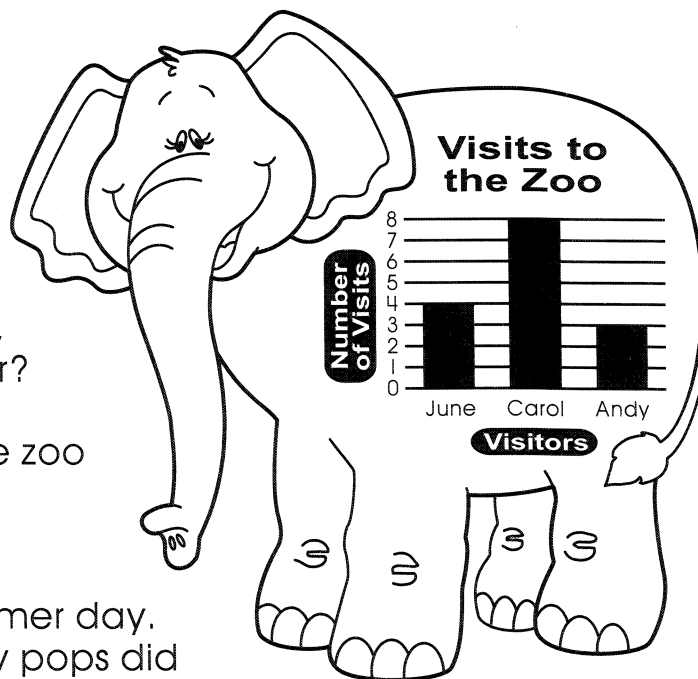


Tina scored _____ runs during April and May.

- Pam has 7 baseball cards. She gets 11 more baseball cards over the weekend. How many baseball cards does Pam have now? Write the number sentence and solve the problem on the line below.

Lesson 88

- $4 + 7 =$
- $6 - 6 =$
- $7 + 5 =$
- Look at the bar graph. How many times did June, Carol, and Andy visit the zoo altogether?



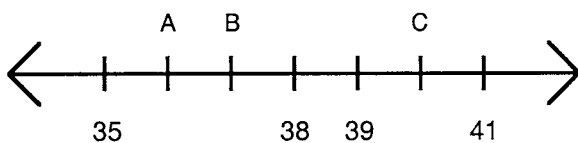
June, Carol, and Andy visited the zoo _____ times altogether.

- Raul sold 30 cherry pops and 40 strawberry pops on a hot summer day. How many cherry and strawberry pops did Raul sell in all?

Raul sold _____ cherry and strawberry pops in all.

Exercise 3.C5

1. Look at the number line.



What number belongs where you see the letter C? Mark your answer.

- A** 35
 B 36
 C 38
 D 40

2. Look at the number line.



The number line shows all the whole numbers that are—

- A** greater than 8
 B less than 14
 C greater than 8 and less than 14
 D greater than 8 and less than 16

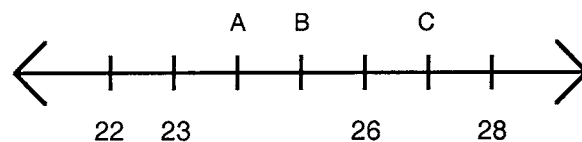
3. Look at the number line.



The number line shows whole numbers that are—

- A** less than 5
 B less than 4
 C greater than 4
 D greater than 5

4. Look at the number line.



What number belongs where you see the letter A? Mark your answer.

- A** 24
 B 25
 C 26
 D 28

I.E Determine the value of a collection of coins and bills (30–33)

30. Becky has these coins in her pocket.



How much money is this?

- A 28¢
- B 31¢
- C 37¢
- D 40¢

31. Nathan bought two candy bars. The clerk gave him these coins in change.



How much money is this?

- A 63¢
- B 58¢
- C 43¢
- D 33¢

32. How much money would you have if you had these coins and bills?



- A \$2.22
- B \$2.17
- C \$2.12
- D \$2.04

33. Cindy has these coins in her wallet.



How much money is this?

- A 41¢
- B 45¢
- C 56¢
- D 66¢

Practice 4.D1

IV.D Carry out simple unit conversions within a system of measurement

1. Cecile is $5\frac{1}{2}$ feet tall. How many inches tall is she?
A 55 in
B 60 in
C 66 in
D 70 in
2. Marcus used 2 quarts of oil in his lawn mower. How many pints of oil did he use?
A 8 pt
B 6 pt
C 5 pt
D 4 pt
3. A bowl holds 2,500 milliliters of water. How many liters does the bowl hold?
A 2.5 L
B 10 L
C 20 L
D 25 L
4. At the school walk-a-thon, Darren walked 2.3 km. How many meters did he walk?
A 0.23 m
B 23 m
C 230 m
D 2,300 m
5. A pencil is 0.16 meters long. How many centimeters is that?
A 160 cm
B 16 cm
C 10 cm
D 1.6 cm
6. Cherisse bought 4 yards of ribbon for a craft project. How many feet of ribbon did she buy?
A 16 ft
B 14 ft
C 12 ft
D 8 ft
7. The distance around a table is 8 feet. How many inches is that?
A 96 in
B 84 in
C 80 in
D 16 in
8. Natalie drank 6 cups of milk in one day. How many pints of milk did she drink?
A 24 pt
B 12 pt
C 8 pt
D 3 pt

Practice 1.C3

I.C Compare and order fractions

1. Which of the following is NOT true?

A $\frac{3}{5} > \frac{1}{3}$

B $\frac{4}{9} < \frac{3}{4}$

C $\frac{5}{7} < \frac{2}{3}$

D $\frac{7}{10} > \frac{6}{9}$

2. Which group of fractions is in order from least to greatest?

A $\frac{1}{3}$ $\frac{1}{5}$ $\frac{2}{8}$ $\frac{3}{7}$

B $\frac{2}{8}$ $\frac{1}{3}$ $\frac{3}{7}$ $\frac{1}{5}$

C $\frac{1}{3}$ $\frac{1}{5}$ $\frac{3}{7}$ $\frac{2}{8}$

D $\frac{1}{5}$ $\frac{2}{8}$ $\frac{1}{3}$ $\frac{3}{7}$

3. Which of the following is true?

A $\frac{3}{5} > \frac{6}{9}$

B $\frac{1}{8} < \frac{1}{3}$

C $\frac{3}{8} < \frac{1}{4}$

D $\frac{1}{3} > \frac{3}{7}$

4. Which of the following is NOT true?

A $\frac{3}{12} > \frac{1}{3}$

B $\frac{1}{6} < \frac{1}{5}$

C $\frac{1}{2} < \frac{2}{6}$

D $\frac{2}{3} > \frac{1}{2}$

5. Which group of fractions is in order from least to greatest?

A $\frac{1}{3}$ $\frac{1}{7}$ $\frac{3}{4}$ $\frac{5}{9}$

B $\frac{1}{7}$ $\frac{1}{3}$ $\frac{5}{9}$ $\frac{3}{4}$

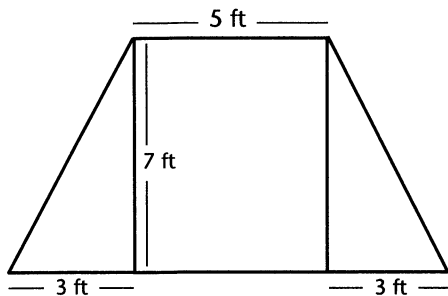
C $\frac{1}{3}$ $\frac{3}{4}$ $\frac{1}{7}$ $\frac{5}{9}$

D $\frac{3}{4}$ $\frac{1}{3}$ $\frac{1}{7}$ $\frac{5}{9}$

Objective 4: Pretest

IV.A Select and use appropriate units, tools, or formulas to measure and to solve problems involving length [including perimeter and circumference], area, time, temperature, capacity, and weight (1-10)

- Grace and Ellie both ran a mile in PE class. Grace finished in 6 minutes, 45 seconds. Ellie finished in 7 minutes, 10 seconds. What was the difference in the amount of time it took each girl to finish running a mile?
 - 1 minute 35 seconds
 - 1 minute 25 seconds
 - 45 seconds
 - 25 seconds
- Mrs. Ferguson wants to paint the outside wall of a storage shed. The diagram shows the shape and dimensions of the wall.



Mrs. Ferguson needs enough paint to cover an area of—

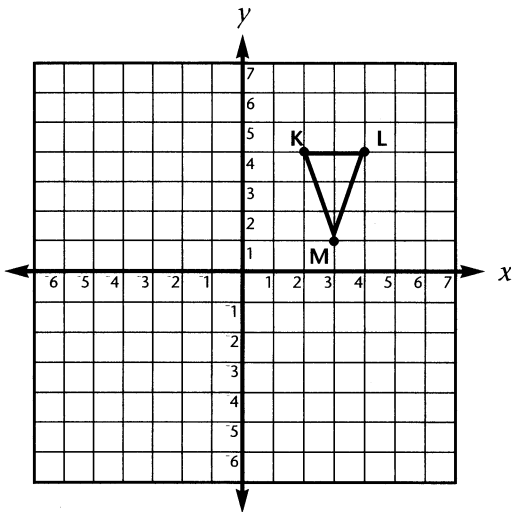
- 35 ft²
- 41 ft²
- 45 ft²
- 56 ft²

- Eric needed 2.5 meters of string for an art project. He found a piece of string that was 425 centimeters long. How much did Eric need to trim from the string he found to make the length of string he needed?
 - 75 cm
 - 1 m
 - 1.25 m
 - 1.75 m
- The surface area of a cube is 216 cubic inches. What are the dimensions of each face of the cube?
 - 4 in x 4 in
 - 6 in x 6 in
 - 7 in x 7 in
 - 8 in x 8 in
- Chad bought an 8-pound bag of soil to fill 5 small planters. He used 20 ounces of soil to fill each planter. How much soil did Chad have left from the 8-pound bag after filling the 5 planters?
 - 1 pound 12 ounces
 - 1 pound 8 ounces
 - 1 pound 4 ounces
 - 1 pound

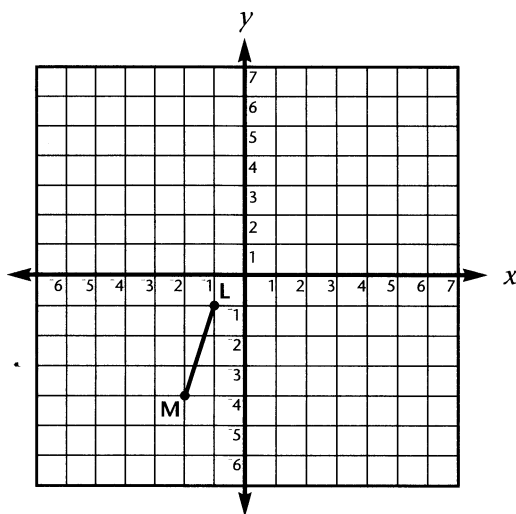
Practice 3.E3

III.E Recognize reflections, rotations, and translations of congruent figures

- Cheryl drew triangle KLM as shown on the graph below.



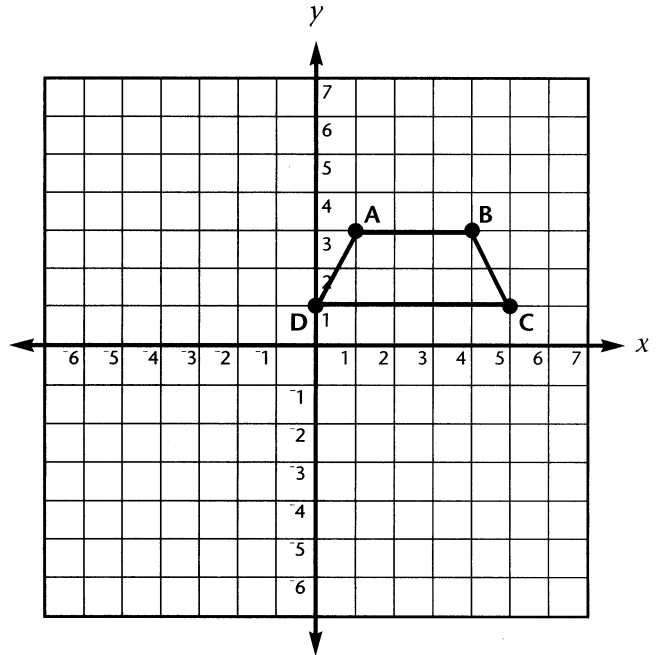
She began to draw a translation of triangle KLM as shown on the graph below.



The coordinates for vertex K in the translation should be—

- A (0, -4)
- B (-1, -3)
- C (-4, -1)
- D (-3, -1)

- If trapezoid ABCD is reflected across the y -axis, what will be the new coordinates of vertex D?



- A (-1, 1)
- B (0, 1)
- C (0, -1)
- D (-1, -1)

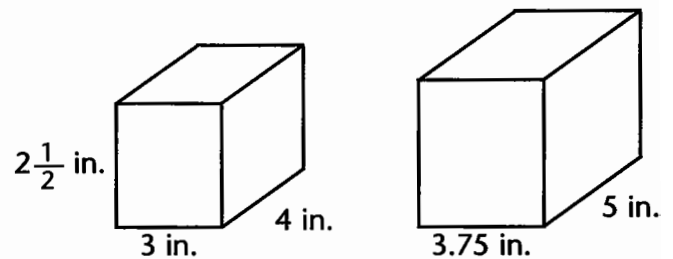
17. During his training, Keith ran around a street block that was 0.75 miles long and 0.5 miles wide. When he ran in competition, the course was 1.5 miles wide. The dimensions of the course were proportional to those of the street block. What was the total length of the rectangular course Keith used in competition?

- A 2.5 mi
- B 3.75 mi
- C 6 mi
- D 7.5 mi

18. A historian built a museum model of an aircraft carrier so that $\frac{1}{2}$ inch on the model represented 1 foot on the actual carrier. If the carrier was 4,176 feet long, how long was the historian's model?

- A 174 ft
- B 348 ft
- C 696 ft
- D 2,088 ft

19. A candy company puts 300 pieces of candy in a rectangular box with dimensions of $2\frac{1}{2}$ inches by 3 inches by 4 inches. The candy company wants to put 50% more candy in a box by increasing the dimensions of the box proportionally. What will be the height of the new box?



- A 4.5 in.
- B 3.5 in.
- C 3.25 in.
- D 3.125 in.

IV.D Describe the resulting effect on perimeter, area, and volume when dimensions of a plane figure or solid shape are changed proportionally (20–24)

20. Martin's grandmother bought a new wristwatch. The face of her new watch has a diameter that is 30% longer than the diameter of her old watch. If the area of the old watch face was 314 square millimeters, what is the area of the new watch face? (Use 3.14 for π)

- A 530.66 mm²
- B 408.2 mm²
- C 94.2 mm²
- D 28.26 mm²