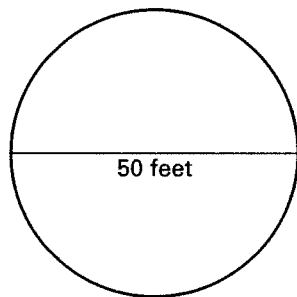




**Objective 4  
TEKS 6.8.A Practice**

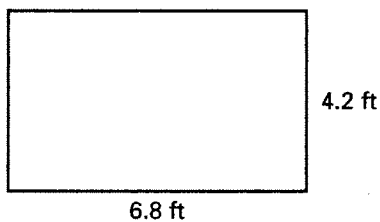
1. Anna's class left school for a field trip at 7:56 A.M. They returned to school at 3:09 P.M. About how many hours elapsed from the time Anna's class left school to the time they returned to school?
- A** 9 h                      **B** 8 h  
**C** 7 h                      **D** 6 h

2. Jacob has a circular driveway at his home. The diameter of the driveway is 50 feet.



What is the best estimate of the circumference of the driveway?

- F** 100 ft                      **G** 150 ft  
**H** 200 ft                      **J** 300 ft
3. One type of tomato plant covers an area of 2 square feet. About how many tomato plants can be planted in the rectangular section of a garden shown below?



- A** 14                      **B** 21  
**C** 25                      **D** 28

4. John is helping his family plan for a barbecue. He estimates that each person will eat about 6 ounces of chicken. John expects 16 people at the barbecue, and he does not want to run out of food. About how many pounds of chicken should John order?
- F** 8 lb                      **G** 5 lb  
**H** 4 lb                      **J** 2 lb
5. Sophia wants to find the area of her bedroom floor. She finds the length to be  $11\frac{7}{8}$  feet and the width to be  $8\frac{13}{16}$  feet. Using rounding, about how many square feet is Sophia's bedroom?

Record your answer and fill in the bubbles in the grid below. Be sure to use the correct place value.

				.		
0	0	0	0		0	0
1	1	1	1		1	1
2	2	2	2		2	2
3	3	3	3		3	3
4	4	4	4		4	4
5	5	5	5		5	5
6	6	6	6		6	6
7	7	7	7		7	7
8	8	8	8		8	8
9	9	9	9		9	9

6. The outdoor track at Madison's school is 0.21 miles long. If Madison wants to run about 2 miles, how many times will she need to go around the track?
- F** 3 times                      **G** 4 times  
**H** 6 times                      **J** 10 times

**6.8.A** When you finish this page, you can check off a box on your TEKS Tracker, page 45.

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**Objective 4  
TEKS 6.8.B Practice**

1. Jacob went to bed at 9:45 P.M. and got up for school at 6:50 A.M. For how long did Jacob sleep?

- A 8 h 5 min                      B 8 h 55 min  
C 9 h 5 min                      D 9 h 15 min

2. How long is the subway ride from Union Street to Park Street?

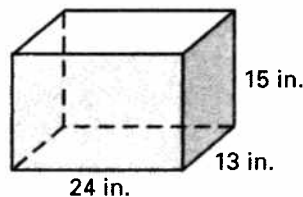
Subway Schedule	
Leave Union St.	Arrive Park St.
12:18 P.M.	12:53 P.M.

- F 18 min                      G 23 min  
H 35 min                      J 53 min

3. The temperature is 67° at 9 A.M. The temperature climbs 15° by 3 P.M. What is the temperature at 3 P.M.?

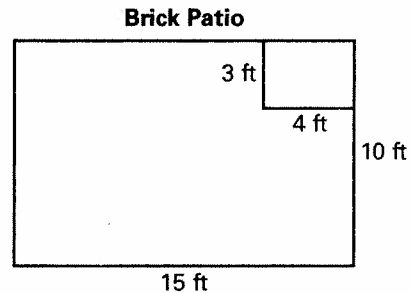
- A 92°                      B 82°  
C 72°                      D 52°

4. What is the capacity of the aquarium shown below?



- F 2.1 c                      G 4 pt  
H 16.5 fl oz                      J 20.3 gal

5. Mr. G needs to replace the bricks in a 3-foot by 4-foot corner of his brick patio.



What is the area of his patio that does not need to be replaced?

- A 138 ft<sup>2</sup>                      B 146 ft<sup>2</sup>  
C 150 ft<sup>2</sup>                      D 162 ft<sup>2</sup>

6. The foundation of Joshua's house is a rectangle. It is 18 meters long by 9 meters wide. What is the perimeter, in meters, of the foundation?

Record your answer and fill in the bubbles in the grid below. Be sure to use the correct place value.

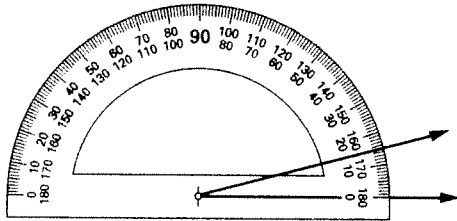
				.		
0	0	0	0		0	0
1	1	1	1		1	1
2	2	2	2		2	2
3	3	3	3		3	3
4	4	4	4		4	4
5	5	5	5		5	5
6	6	6	6		6	6
7	7	7	7		7	7
8	8	8	8		8	8
9	9	9	9		9	9

- 6.8.B** When you finish this page, you can check off a box on your TEKS Tracker, page 45.



### Objective 4 TEKS 6.8.C Practice

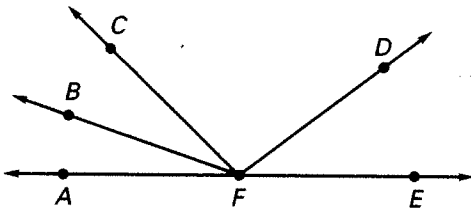
1. Grace has a road sign near her home that reads "Steep Grade Ahead." The grade of the road is shown below.



What is the grade of the road?

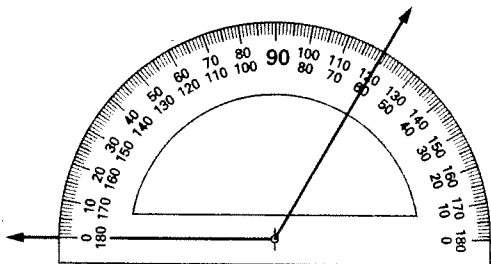
- A 10°                      B 15°  
C 160°                     D 165°

2. Which angle below has the greatest measure?



- F  $\angle AFB$                       G  $\angle BFC$   
H  $\angle CFD$                      J  $\angle DFE$

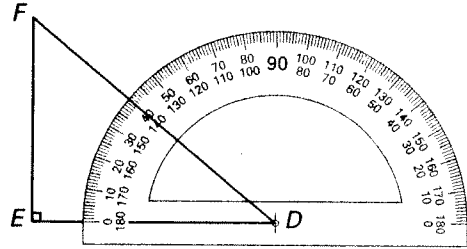
3. Nicholas is looking for examples of real-world angles. He measures the angle formed by the hour hand and minute hand of his clock at 9:05 P.M.



What is the measure of the angle formed by the hour and minute hands?

- A 60°                      B 65°  
C 115°                     D 120°

4. Sarah is studying bridge design. Part of a truss design is shown below.

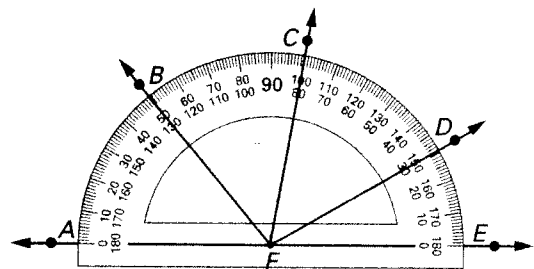


What is the measure of  $\angle D$ ?

Record your answer and fill in the bubbles in the grid below. Be sure to use the correct place value.

0	0	0	0	0	0	0
1	1	1	1	1	1	1
2	2	2	2	2	2	2
3	3	3	3	3	3	3
4	4	4	4	4	4	4
5	5	5	5	5	5	5
6	6	6	6	6	6	6
7	7	7	7	7	7	7
8	8	8	8	8	8	8
9	9	9	9	9	9	9

5. Which angle below has a measure of 130°?



- A  $\angle AFB$                       B  $\angle AFD$   
C  $\angle EFB$                      D  $\angle EFD$

- 6.8.C** When you finish this page, you can check off a box on your TEKS Tracker, page 45.



**Objective 4**  
**TEKS 6.8.D Practice**

1. Alexis is taking a trip to visit relatives. The weight of the plane she is flying on is 15,000 pounds as it takes off. How many tons does the plane weigh?
  - A  $7\frac{1}{2}$
  - B 7
  - C  $6\frac{1}{2}$
  - D 6
  
2. Michael attends school from 7:30 A.M. to 2:30 P.M. each weekday. How many minutes does Michael attend school each weekday?
  - F 300 min
  - G 360 min
  - H 420 min
  - J 480 min
  
3. The United States Department of Agriculture (USDA) recommends that 9- to 13-year-olds receive 1300 milligrams of calcium each day. How many grams is this?
  - A 0.13 g
  - B 1.3 g
  - C 13 g
  - D 130 g
  
4. Sydney drinks a total of 1.5 liters of water per day. The glass she drinks from holds 250 milliliters of water. How many glasses of water does Sydney drink per day?
  - F 5
  - G 6
  - H 8
  - J 10

5. Samantha is measuring cooking oil for a recipe. She pours up to the line shown on the measuring cup below.



How many ounces of cooking oil does Samantha pour into the measuring cup?

- A 4 oz
  - B 8 oz
  - C 12 oz
  - D 16 oz
6. Andrew's dog, an Irish Wolfhound, weighs 110 pounds. How many ounces does Andrew's dog weigh?

Record your answer and fill in the bubbles in the grid below. Be sure to use the correct place value.

				.		
0	0	0	0		0	0
1	1	1	1		1	1
2	2	2	2		2	2
3	3	3	3		3	3
4	4	4	4		4	4
5	5	5	5		5	5
6	6	6	6		6	6
7	7	7	7		7	7
8	8	8	8		8	8
9	9	9	9		9	9

- 6.8.D** When you finish this page, you can check off a box on your TEKS Tracker, page 45.