

Directions: Solve each problem.

Fill in the blanks in the table.

Feet	Inches
6	72
2	24
11	132
8	96
4	48

Fill in the blanks in the table.

Pounds	Ounces
9	144
3	48
12	192
8	128
5	80

Fill in the blanks in the table.

Liters	Milliliters
7	7,000
9	9,000
4	4,000
1	1,000
6	6,000

Fill in the blanks in the table.

Yards	Feet
11	33
5	15
2	6
9	27
7	21

What is the best estimate for the length of a bed?

- A. 6 Centimeters
- B. 6 Inches
- C. 6 Feet**
- D. 6 Meters

What is the best estimate for the weight of a nickel?

- A. 5 Pounds
- B. 5 Grams**
- C. 5 Kilograms
- D. 5 Tons

Measurement Equivalents

1. Fill in the blanks in each table.

Feet	Inches
3	36
4	48
5	60
6	72
7	84

Pounds	Ounces
4	64
2	32
7	112
3	48
5	80

Liters	Milliliters
3	3,000
7	7,000
8	8,000
4	4,000
12	12,000

Kilogram	Grams
13	13,000
2	2,000
6	6,000
11	11,000
5	5,000

Yards	Feet
4	12
9	27
6	18
3	9
2	6

Quarts	Cups
3	12
5	20
12	48
8	32
6	24

Measurement Sizes

1. What is the best estimate for the length of a deck of cards?

- A. 9 Centimeters
- B. 9 Inches
- C. 9 Feet
- D. 9 Meters

2. What is the best estimate for the weight of a rabbit?

- A. 3 Ounces
- B. 3 Pounds
- C. 3 Grams
- D. 3 Kilograms

3. What is the best estimate for the length of a table?

- A. 5 Centimeters
- B. 5 Inches
- C. 5 Feet
- D. 5 Meters

4. What is the best estimate for the weight of a car?

- A. 2 Pounds
- B. 2 Grams
- C. 2 Kilograms
- D. 2 Tons

5. What is the best estimate for the capacity of a bathtub?

- A. 40 Cups
- B. 40 Pints
- C. 40 Quarts
- D. 40 Gallons

Directions: Solve each problem.

Hayley spent \$4.75 at the concession stand. She bought 5 hamburgers. How much did each hamburger cost?

\$0.95

Trevor drank 8 cups of water in one day. How many pints of water did Trevor drink?

4 pints

Rita is $5\frac{1}{2}$ feet tall. How many inches tall is Rita?

66 inches

Judy read a book for $1\frac{1}{4}$ hours each day for three days. How many minutes did she spend reading?

225 minutes

Brad has 4 identical textbooks. If altogether his books weigh 10 pounds, how much does each book weigh in ounces?

40 ounces

Measurement Word Problems

Directions: Solve each problem.

Ella spent \$3.14 on a bag of chips, and then she bought a soda for \$1.97. How much did she spend in all?

\$5.11

A book weighs 1.2 kilograms, and a backpack weighs 6.8 kilograms. How much more does the backpack weigh than the book?

5.6 kg

Joseph drinks 7.5 cups of water each day. How many cups of water does he drink in one week?

52.5 cups

Victoria practiced her keyboarding skills each day for 35 minutes. If she did this for 5 days, how many minutes did she practice in all?

175 minutes

The Franklin family took a family vacation. First they drove to 586 miles, and then they drove 451 miles. How many miles did they drive in all?

1,037 miles

Vincent has 5 identical textbooks. If altogether his books weigh 15 pounds, how much does each book weigh in ounces?

48 ounces

Measurement Word Problems

Directions: Solve each problem.

Tanner is 6 foot 3 inches tall. His little sister is 5 foot 6 inches tall. How many inches taller is Tanner than his little sister?

9 inches

James spent \$7.50 at the concession stand. He bought 6 hotdogs. How much did each hotdog cost?

\$1.25

Blake's baseball practice lasted $2\frac{3}{4}$ hours on Saturday. How many minutes long was Blake's baseball practice?

165 minutes

Michael bought 9 packs of baseball cards. Each pack cost \$1.87. How much did he spend in all?

\$16.83

Esther drank 3 liters of water. How many milliliters of water did she drink?

3,000 milliliters

Sophia slept for $9\frac{1}{2}$ hours, and her older sister slept for $6\frac{3}{4}$ hours. How many more minutes did Sophia sleep than her sister?

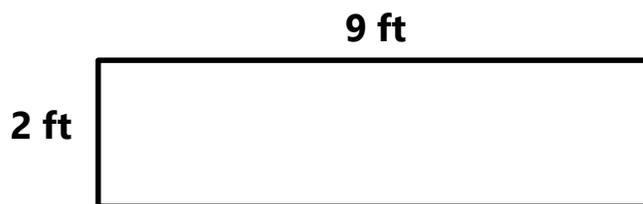
165 minutes

Directions: Find the area and perimeter for each problem.



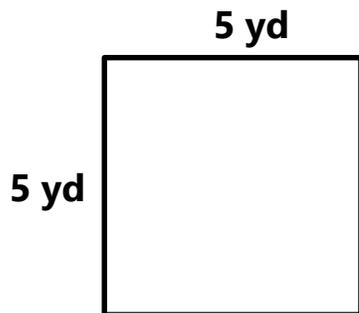
Area: 24 cm²

Perimeter: 22 cm



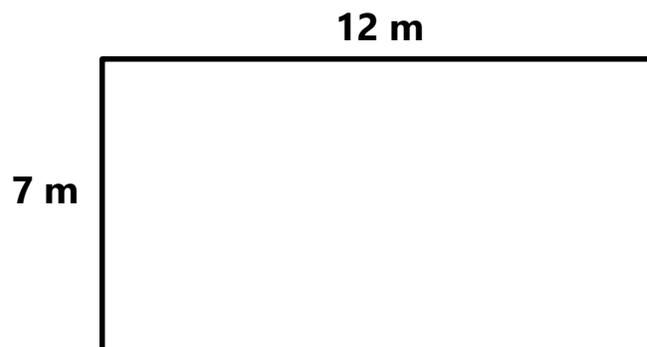
Area: 18 ft²

Perimeter: 22 ft



Area: 25 yd²

Perimeter: 20 yd



Area: 84 m²

Perimeter: 38 m

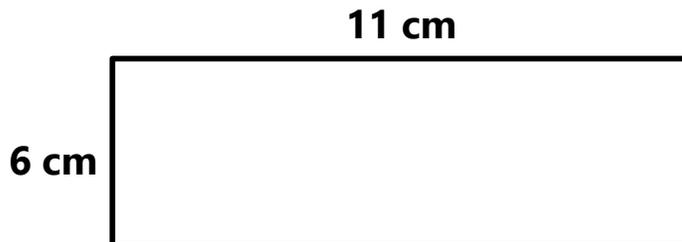
Elizabeth's piece of paper is 8 inches wide and 10 inches tall.
What is the area and perimeter of her piece of paper?

Area: 80 in²

Perimeter: 36 in

Area & Perimeter

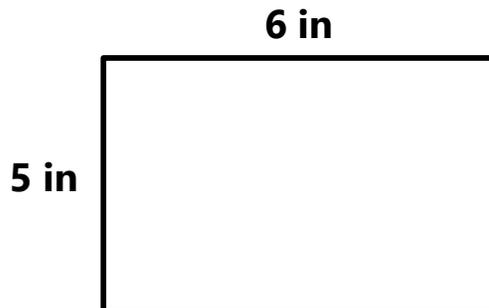
1. Find the area and perimeter.



Area: 66 cm²

Perimeter: 34 cm

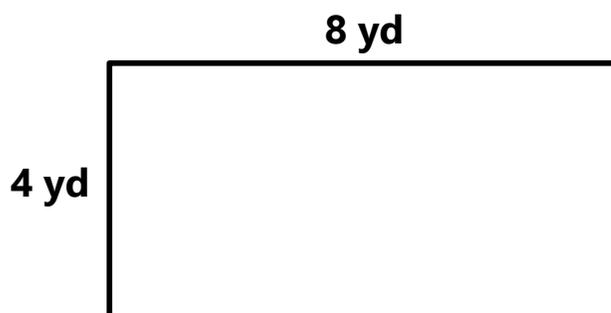
2. Find the area and perimeter.



Area: 30 in²

Perimeter: 22 in

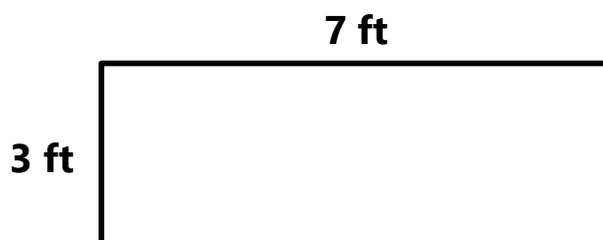
3. Find the area and perimeter.



Area: 32 yd²

Perimeter: 24 yd

4. Find the area and perimeter.



Area: 21 ft²

Perimeter: 20 ft

Area & Perimeter

Directions: Solve each problem.

Nikki's bedroom is 8 feet by 7 feet.
What is the area and perimeter of her bedroom?

Area: 56 ft²
Perimeter: 30 ft

A house is 14 yards by 6 yards. What is the area and perimeter of the house?

Area: 84 yd²
Perimeter: 40 yd

Patty's book is 12 centimeters by 9 centimeters. What is the area and perimeter of her book?

Area: 108 cm²
Perimeter: 42 cm

A parking lot is 20 yards by 8 yards.
What is the area and perimeter of the parking lot?

Area: 160 yd²
Perimeter: 56 yd

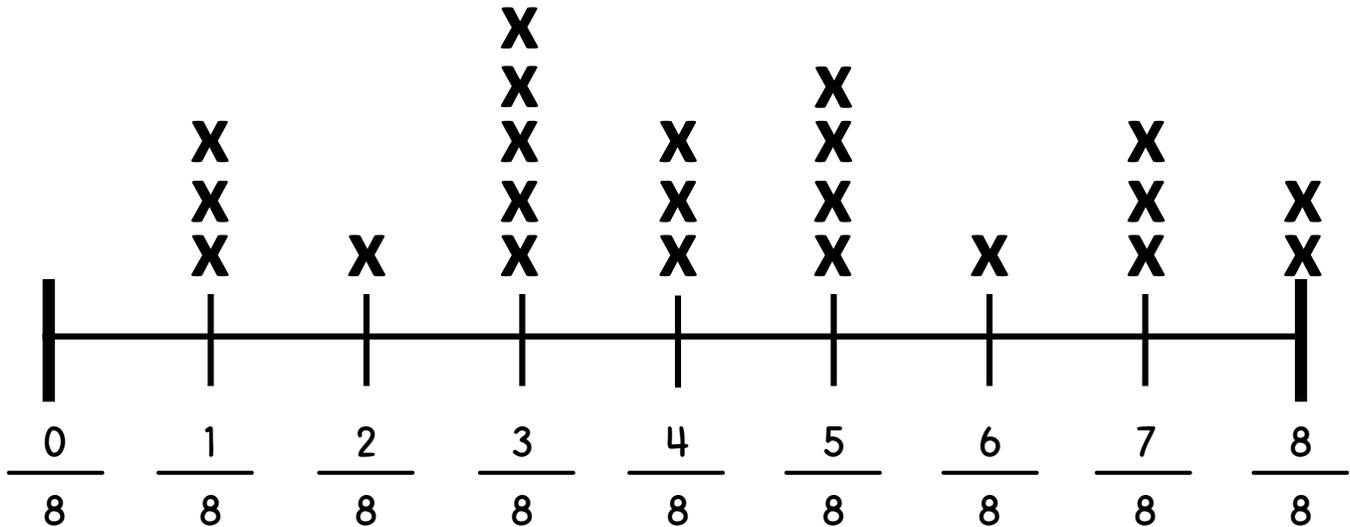
Kenneth's laptop is 13 inches by 7 inches. What is the area and perimeter of her laptop?

Area: 91 in²
Perimeter: 40 in

Jason's TV is 5 feet by 4 feet. What is the area and perimeter of the TV?

Area: 20 ft²
Perimeter: 18 ft

Directions: Answer each question based on the line plot.

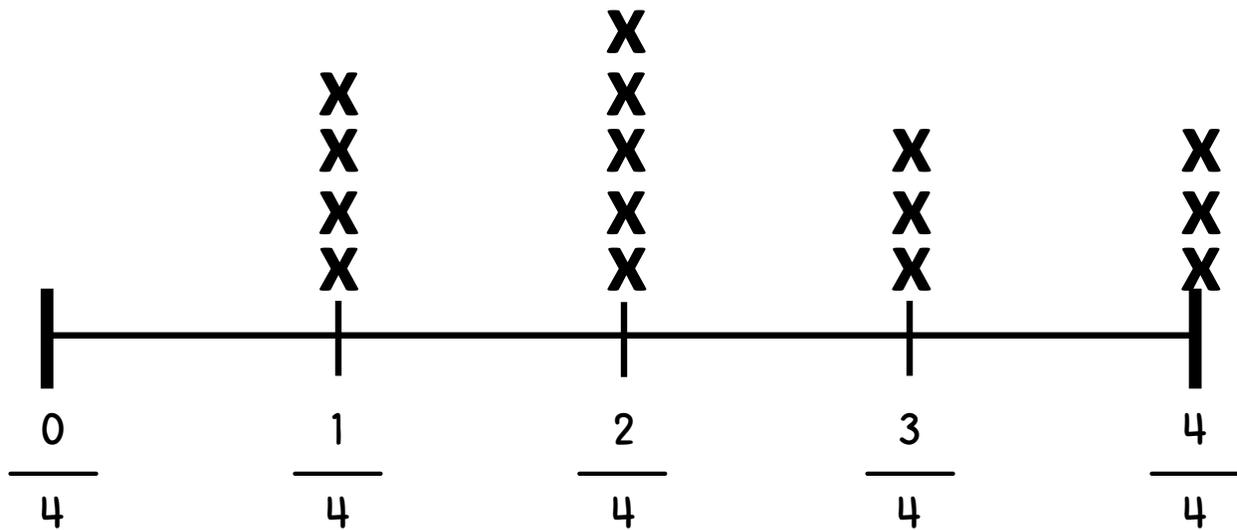


Laps Run around the Track

1. What was the most common distance run? **$\frac{3}{8}$ of a lap**
2. How many students ran $\frac{1}{2}$ lap or farther? **13 students**
3. If all the students who ran $\frac{5}{8}$ lap were added together, what would their total number of laps be? **$2 \frac{1}{2}$ laps**
4. What is the total number of laps run by all students?
 $11 \frac{7}{8}$ laps
5. What is the difference between the longest lap run and the shortest lap run? **$\frac{7}{8}$ of a lap**

Line Plots

Directions: Answer each question based on the line plot.

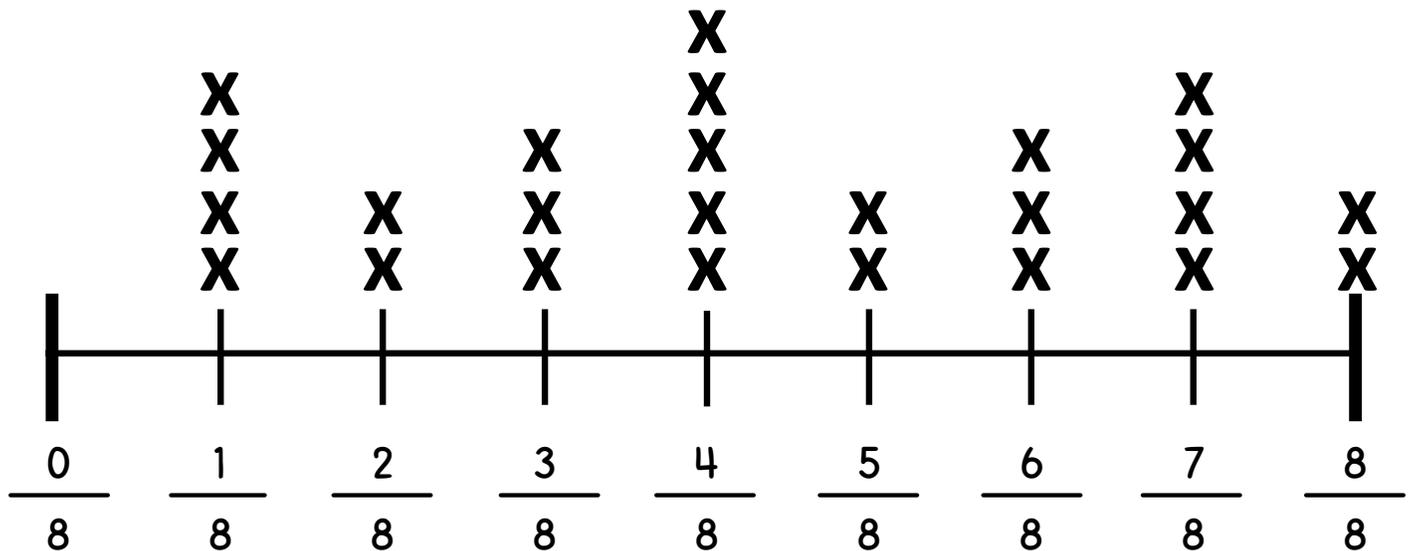


Miles Run During Gym Class

1. What was the most common distance run? **$\frac{2}{4}$ miles**
2. How many students ran $\frac{1}{2}$ mile or farther? **11 students**
3. If all the students who ran $\frac{3}{4}$ mile were added together, what would their total distance be? **$2 \frac{1}{4}$ miles**
4. What is the total distance run by all students? **$8 \frac{3}{4}$ miles**
5. What is the difference between the longest distance run and the shortest distance run? **$\frac{3}{4}$ miles**

Line Plots

Directions: Answer each question based on the line plot.

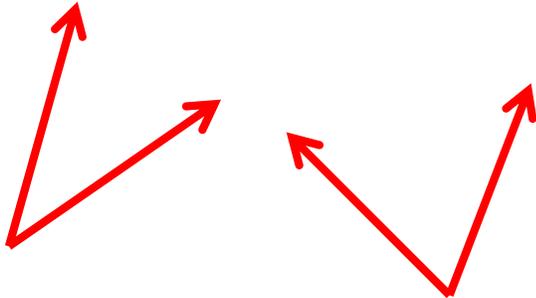


Amount of Milk Left in Each Student's Cup

1. What was the most common amount of milk left?
 $\frac{4}{8}$ cups
2. How many students had $\frac{1}{2}$ a cup of milk left or less?
14 students
3. If all the cups measuring $\frac{3}{8}$ inches were added together, what would the total amount be? **$1 \frac{1}{8}$ cups**
4. How many total cups of milk were left? **$13 \frac{5}{8}$ cups**
5. What is the difference between the largest amount left and the smallest amount left? **$\frac{7}{8}$ cups**

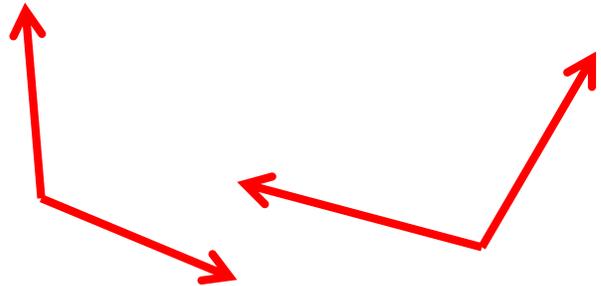
Directions: Solve each problem.

Draw two acute angles.



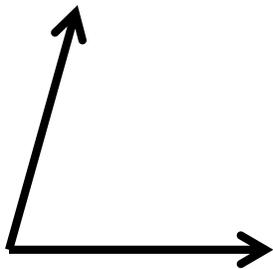
Answers will vary.

Draw two obtuse angles.



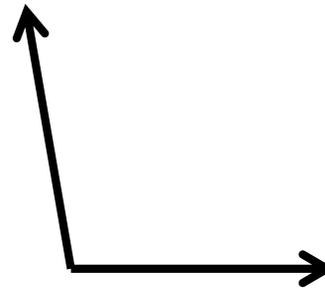
Answers will vary.

Which choice best represents the angle?



- a) 120°
- b) 75°**
- c) 90°
- d) 30°

Which choice best represents the angle?



- a) 180°
- b) 50°
- c) 90°
- d) 100°**

Determine if the angle is acute, obtuse, or right ?

19° Acute

177° Obtuse

162° Obtuse

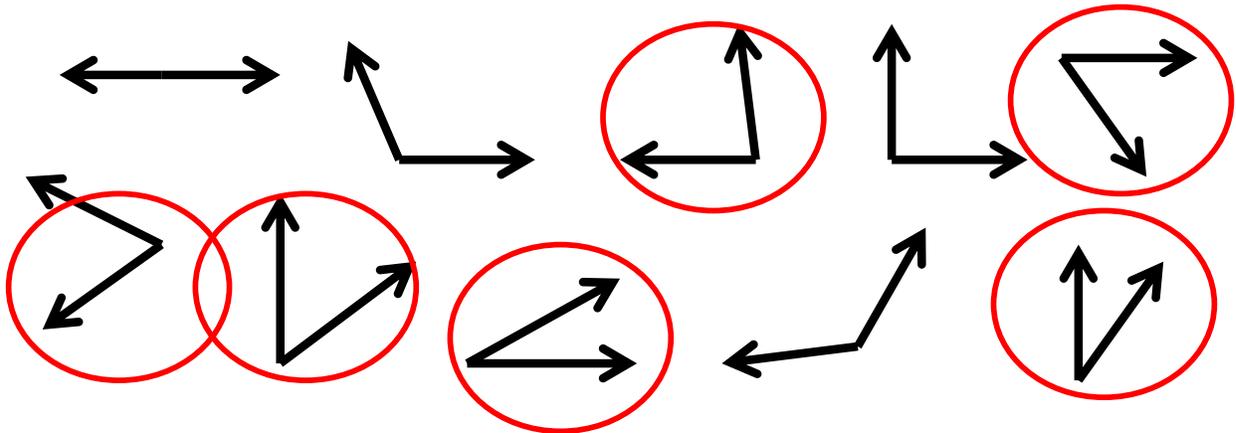
90° Right

76° Acute

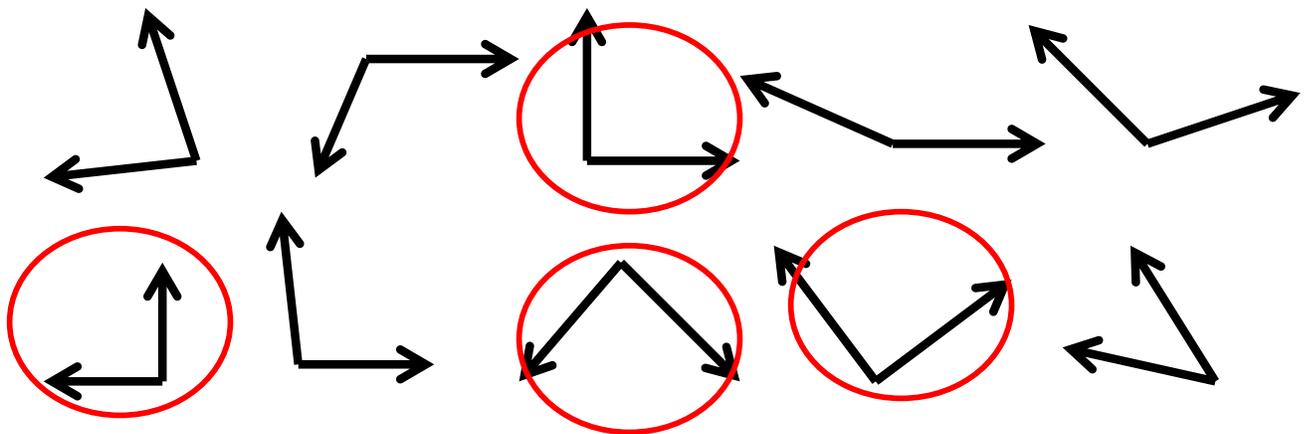
35° Acute

Recognize Angles

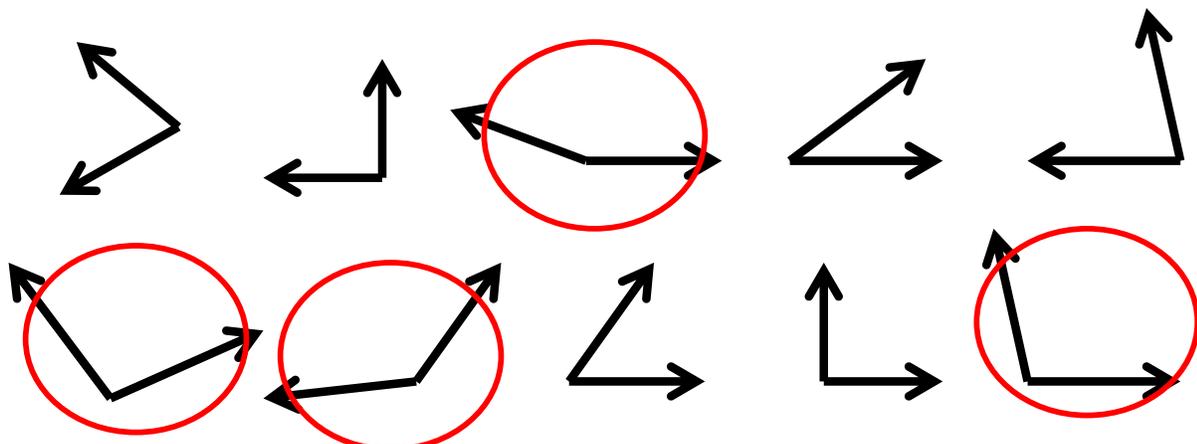
1. Circle all of the acute angles.



2. Circle all of the right angles.



3. Circle all of the obtuse angles.



Recognize Angles

1. Determine if the angle is acute, obtuse, or right ?

20° acute

161° obtuse

118° obtuse

90° right

37° acute

46° acute

147° obtuse

89° acute

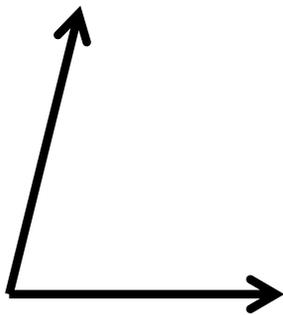
96° obtuse

128° obtuse

173° obtuse

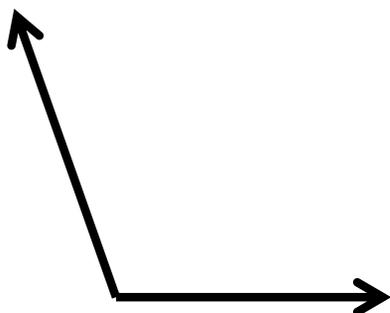
74° acute

2. Which choice best represents the angle?



- a) 100°
- b) 80°
- c) 90°
- d) 40°

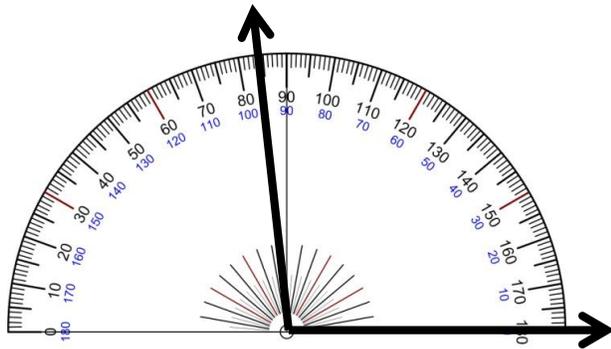
3. Which choice best represents the angle?



- a) 170°
- b) 90°
- c) 60°
- d) 110°

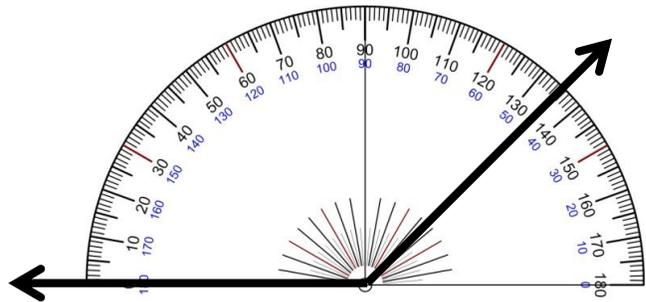
Directions: Solve each problem.

Measure the angle to the nearest 5°.



95°

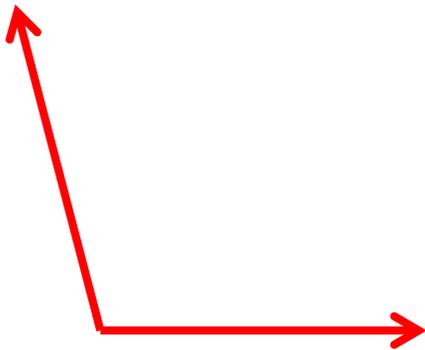
Measure the angle to the nearest 5°.



135°

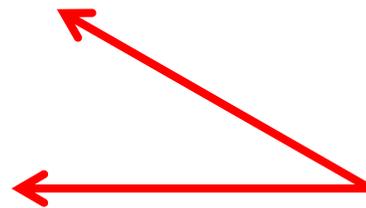
Use a protractor to draw the following angle:

105°



Use a protractor to draw the following angle:

30°



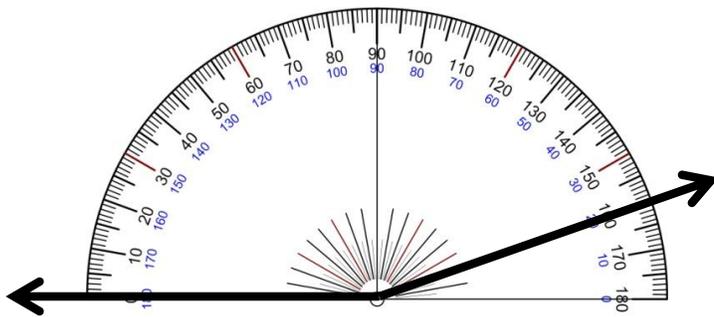
Use a protractor to draw the following angle:

175°

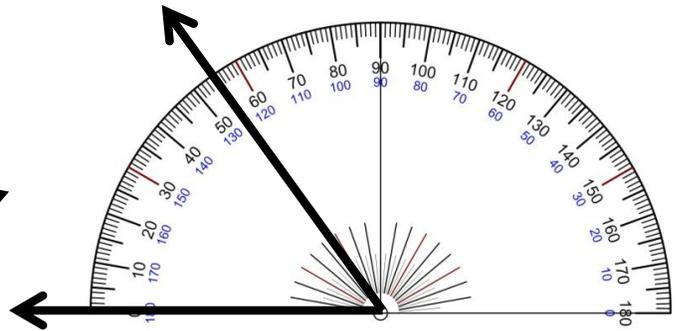


Measure Angles

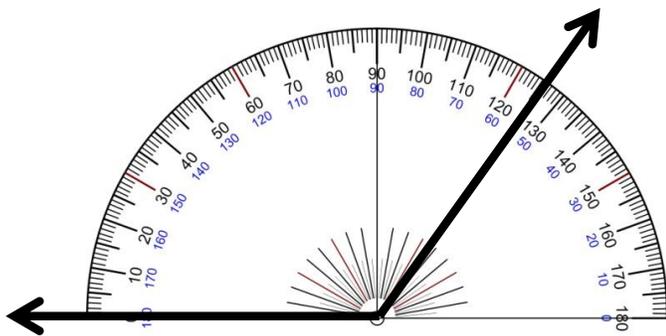
Directions: Measure each angle to the nearest 5°.



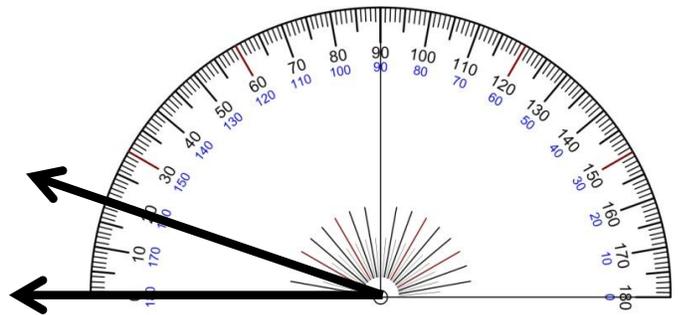
Angle: 160°



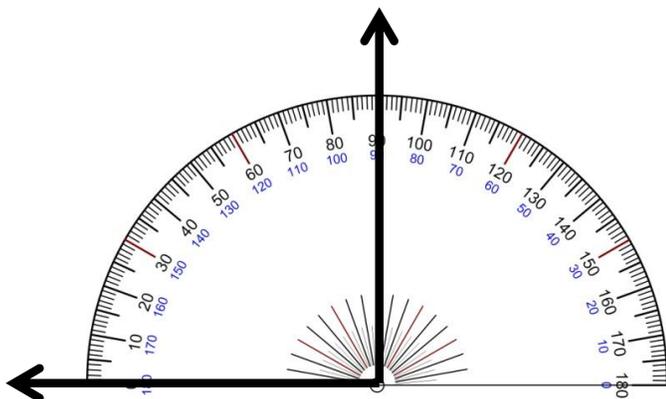
Angle: 55°



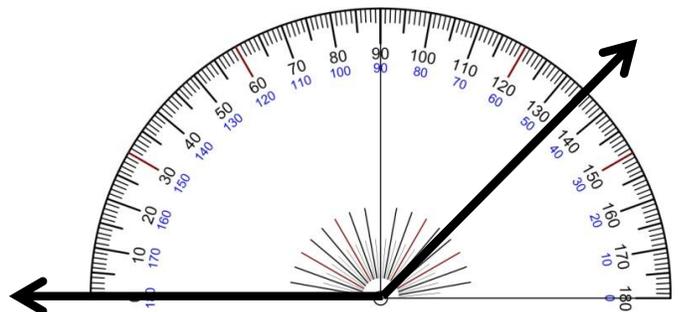
Angle: 125°



Angle: 20°



Angle: 90°

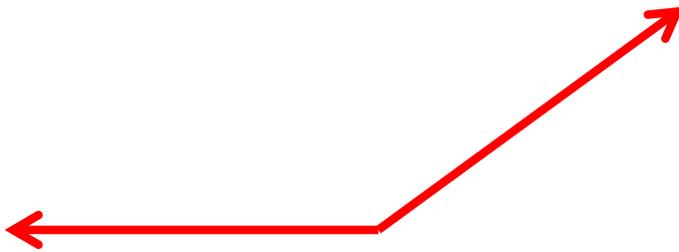


Angle: 130°

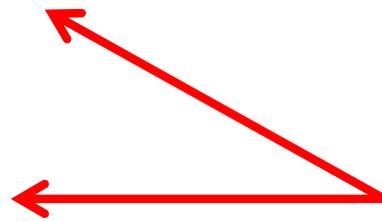
Measure Angles

Directions: Use a protractor to draw each angle.

Draw a 145° angle.



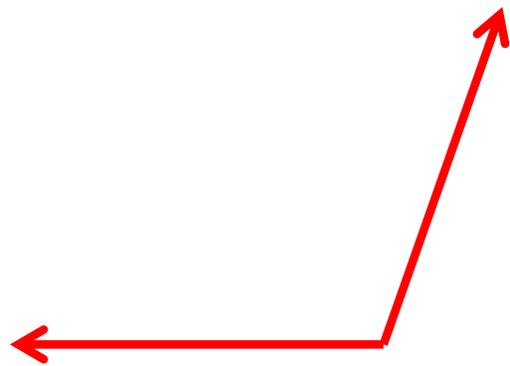
Draw a 30° angle.



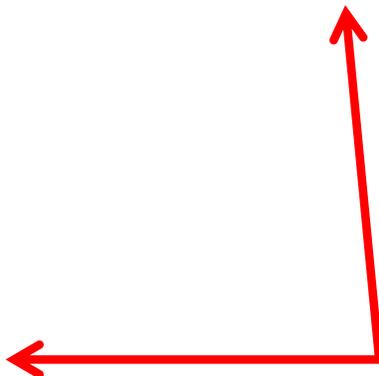
Draw a 180° angle.



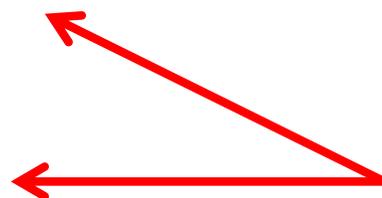
Draw a 100° angle.



Draw a 85° angle.

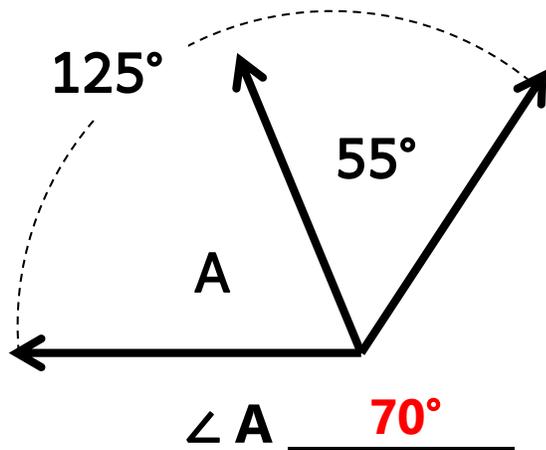


Draw a 25° angle.

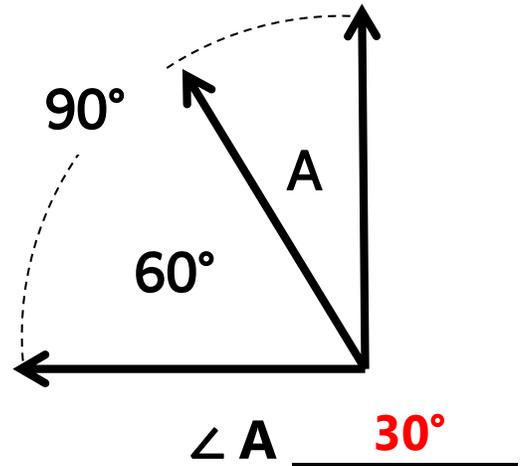


Directions: Solve each problem.

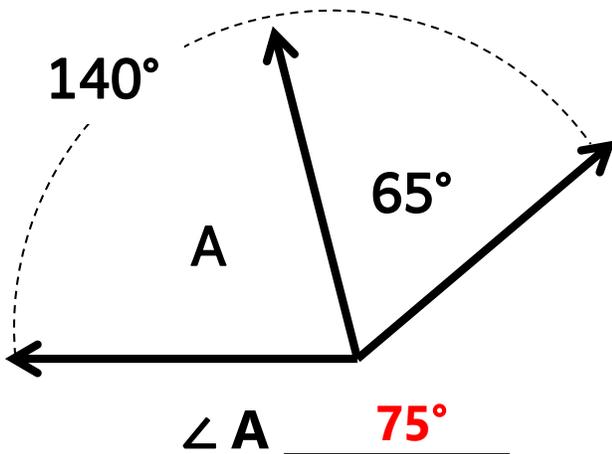
Find the value of angle 'A'.



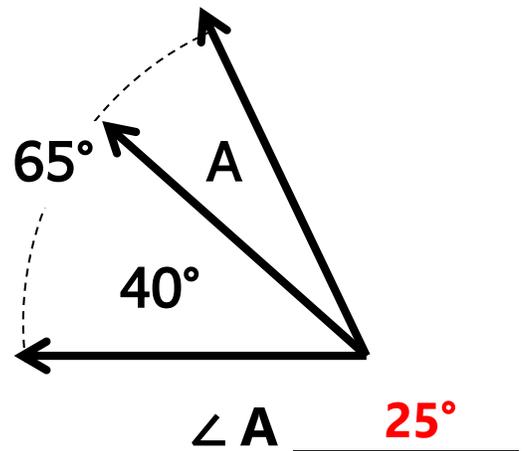
Find the value of angle 'A'.



Find the value of angle 'A'.



Find the value of angle 'A'.

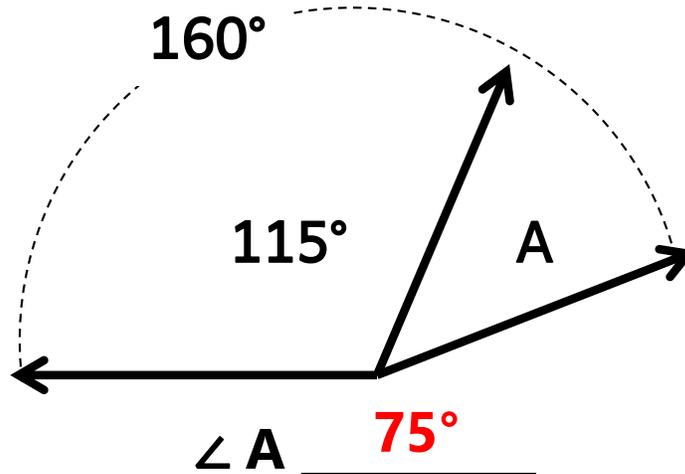
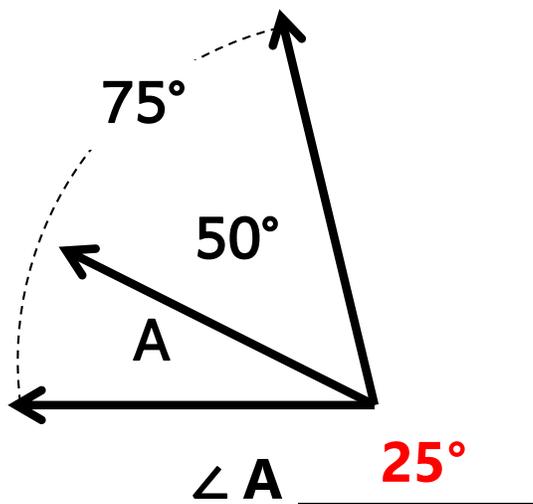
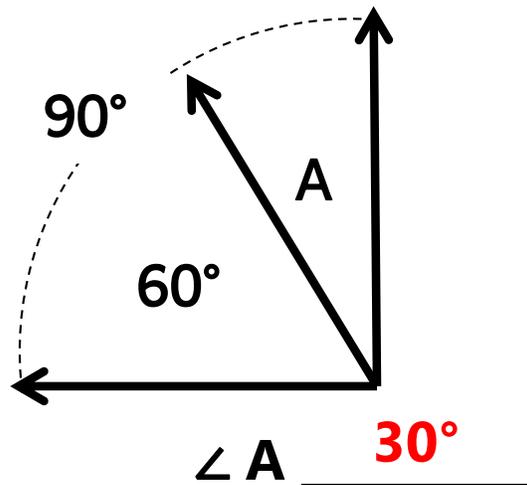
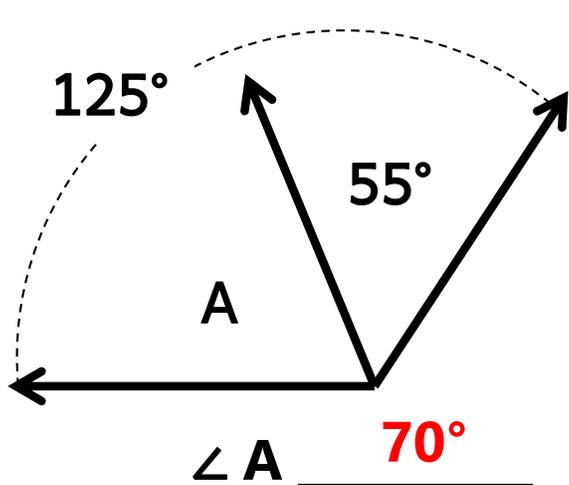
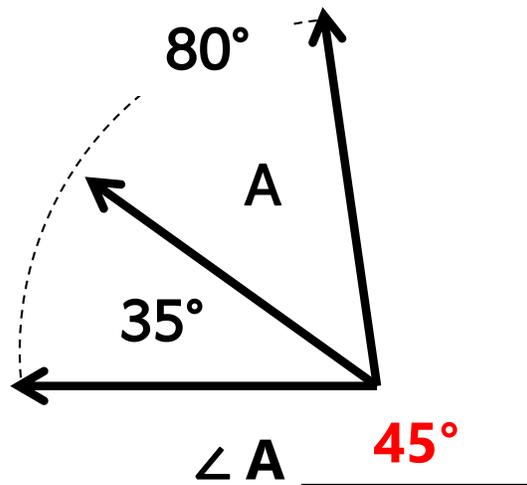
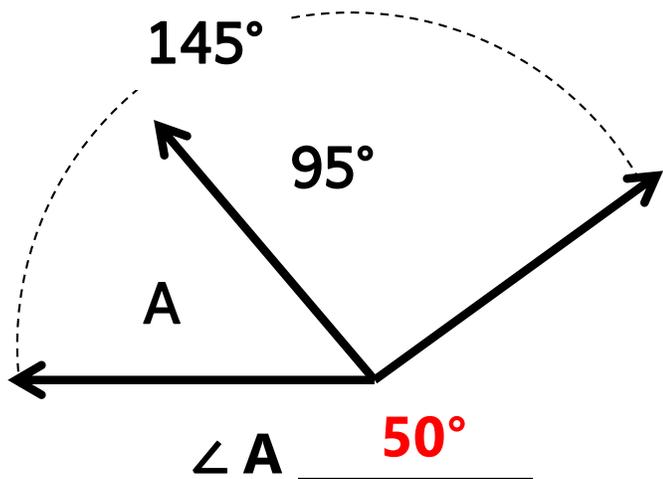


Henry's bike tire rotated 170° . How many more degrees does the tire need to rotate in order to make a full rotation?

190°

Measure Angles

Directions: Find the value of each angle 'A'.



Recognize Angle Measure as Additive

Directions: Solve each problem.

Raymond's bike tire rotated 95° . How many more degrees does the tire need to rotate in order to make a full rotation?

265°

A skateboarder attempts to do a 360° turn, but only completes a quarter-turn. How many degrees did the skateboarder turn?

90°

A hamster wheel makes 2 full rotations. How many degrees did the hamster wheel turn?

720°

Mary's fan rotated 40° and then stopped. How many more degrees does it need to rotate in order to make half a rotation?

140°

A water wheel rotated 135° and then stopped. How many more degrees does it need to rotate in order to make a full rotation?

225°

Brian spun the handle on the pencil sharpener 190° . How many more degrees does the handle need to rotate in order to make a full rotation?

170°