Fruit
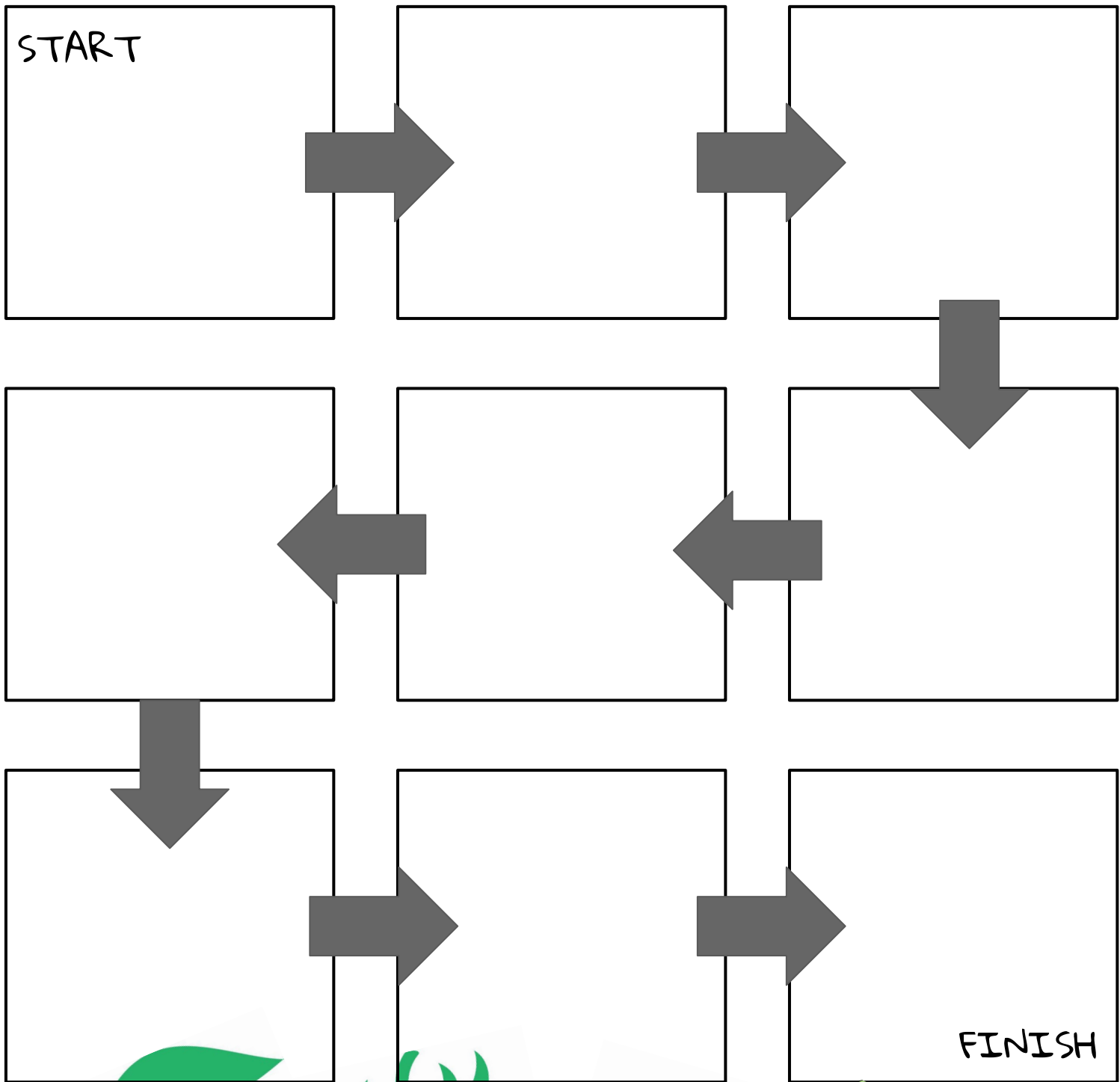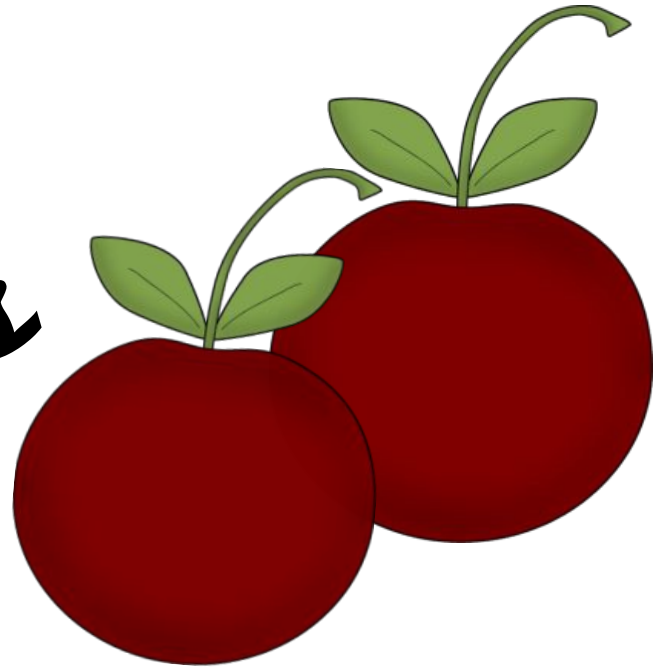
Name: _____ Hour: _____

Pick any place to START. Be sure to write down the correct fruit as you answer each problem.
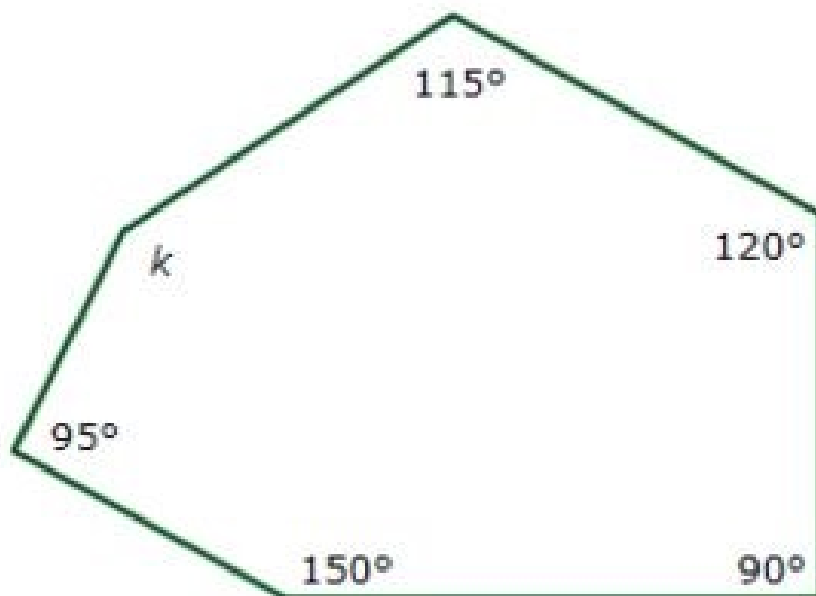
START

FINISH

14 Sides
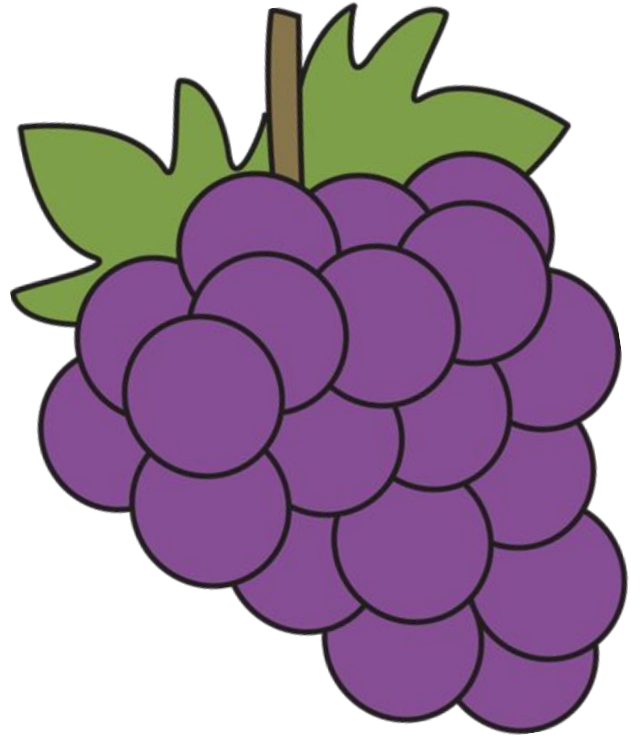
Cherries

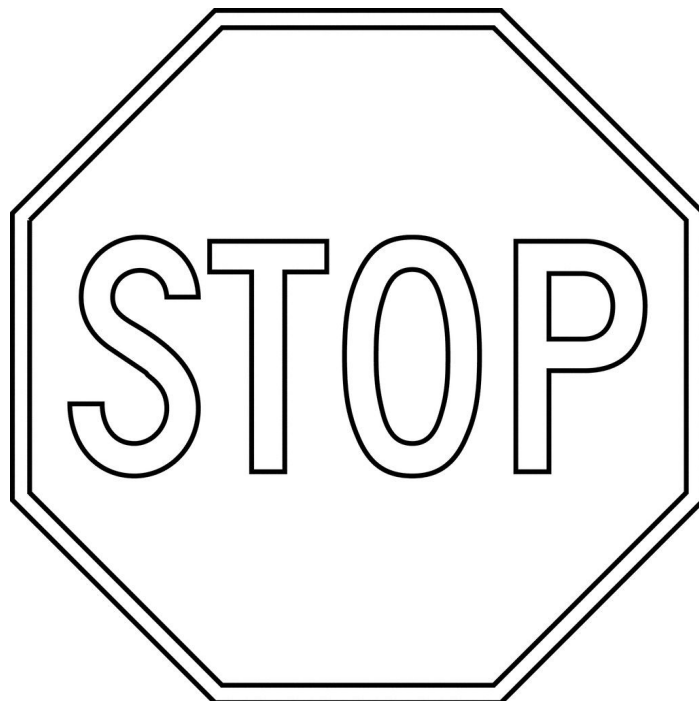## What is the value of k?

115°

120°
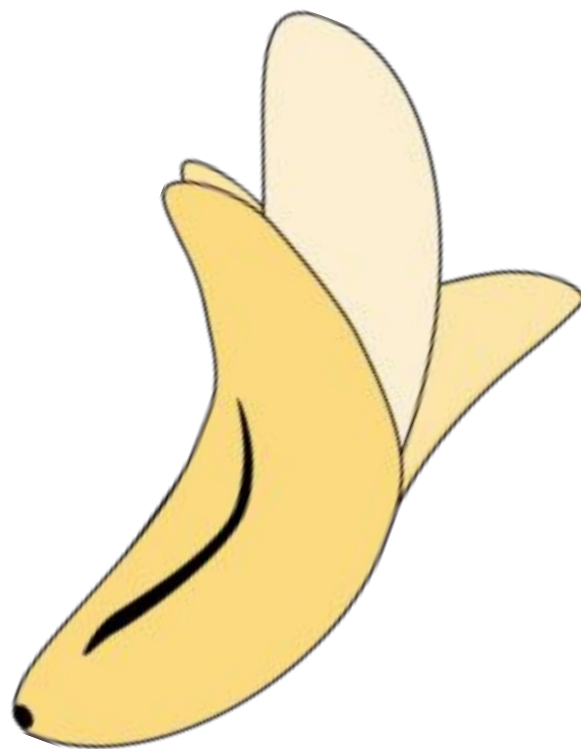
k

95°

150°

90°

150 Degrees

Grapes

What is the sum of the interior angles of the polygon below?

1080 Degrees

Banana

What is the value of x in the polygon below?

L
71°

P
48°

115
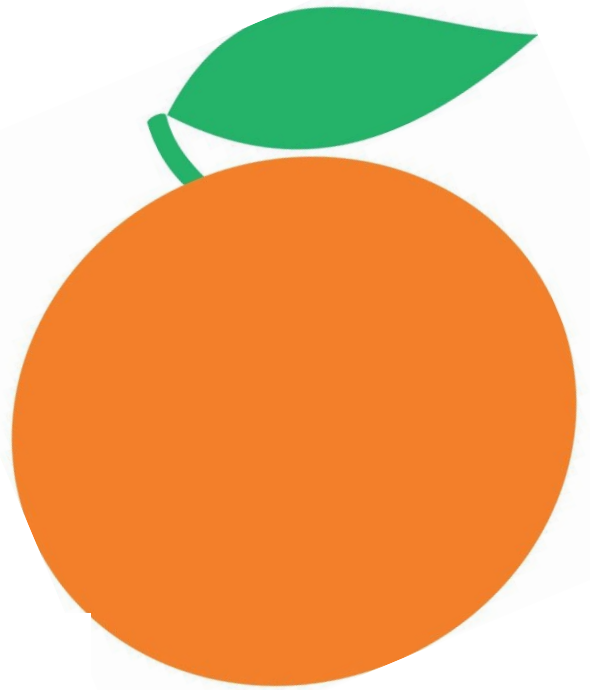
x°

M

N
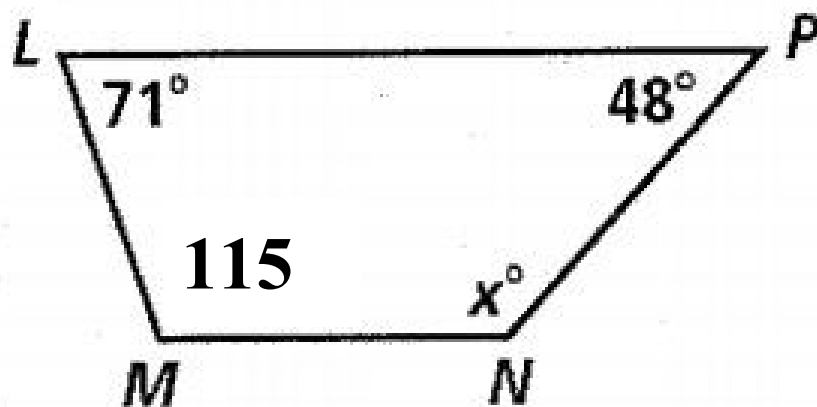
126 Degrees

Watermelon
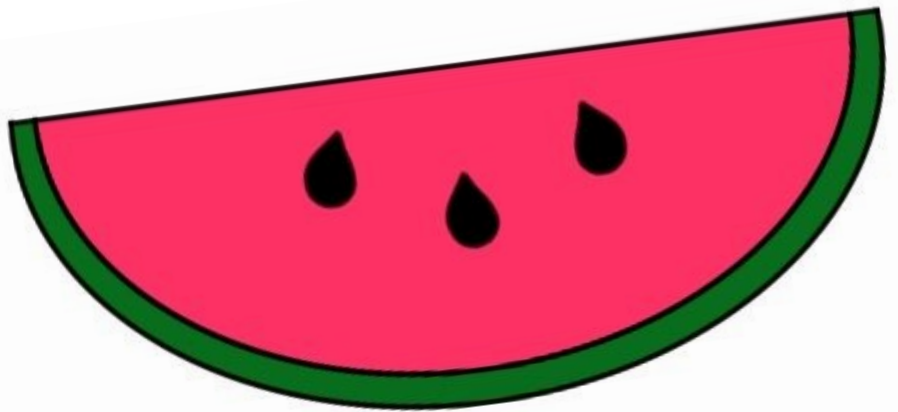
The sum of the interior angles of a polygon equal 1,800 degrees. How many sides does this polygon have?
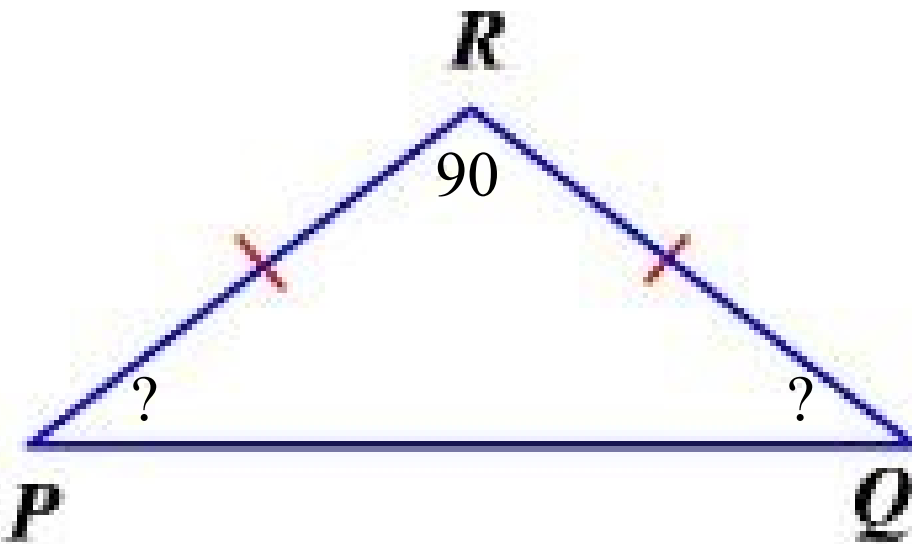
12 SIDes

Orange

A polygon has seven sides. Find the sum of the measures of the interior angles of the polygon.
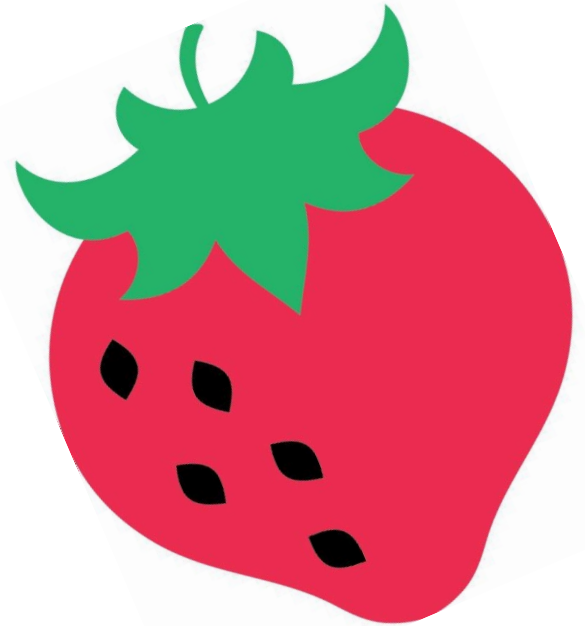
900 Degrees

Apple

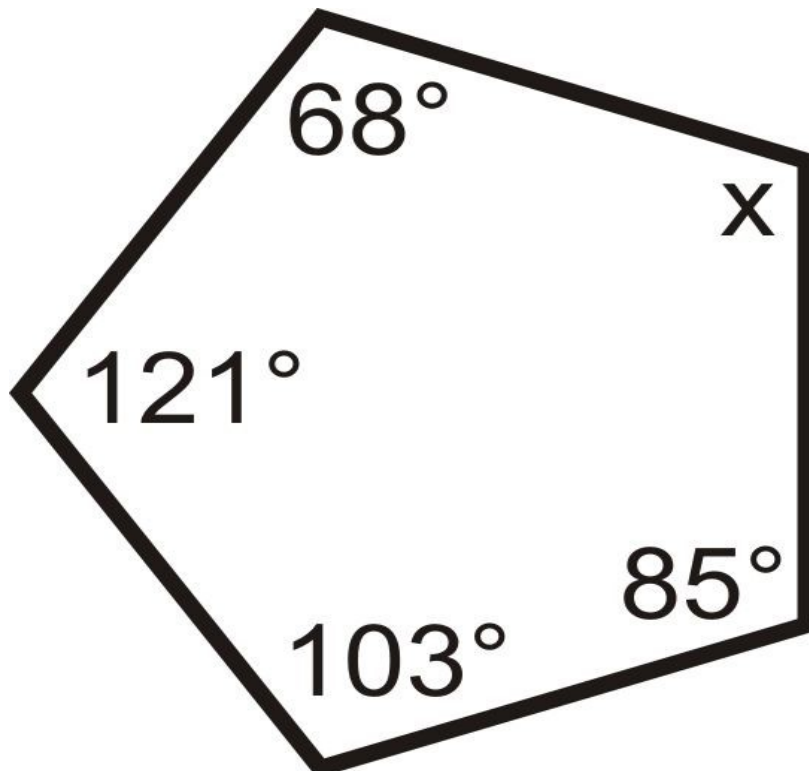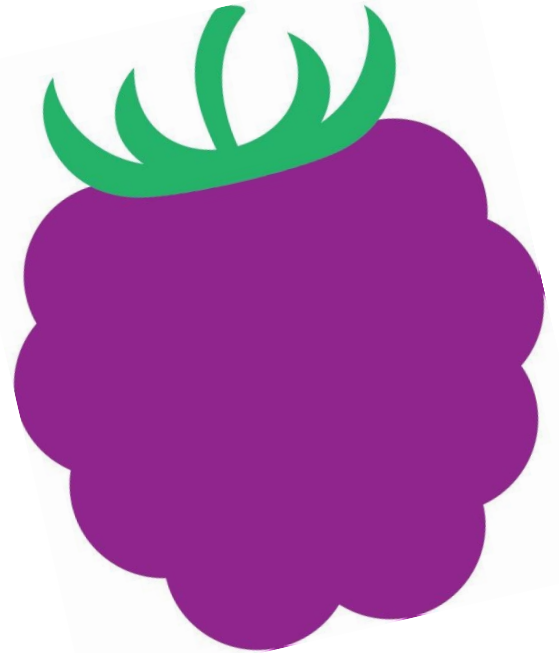Find the missing angle measures of the Isosceles triangle below.

R

90

?   ?

P Q

45 DEGREES

Strawberry

What is the value of x?
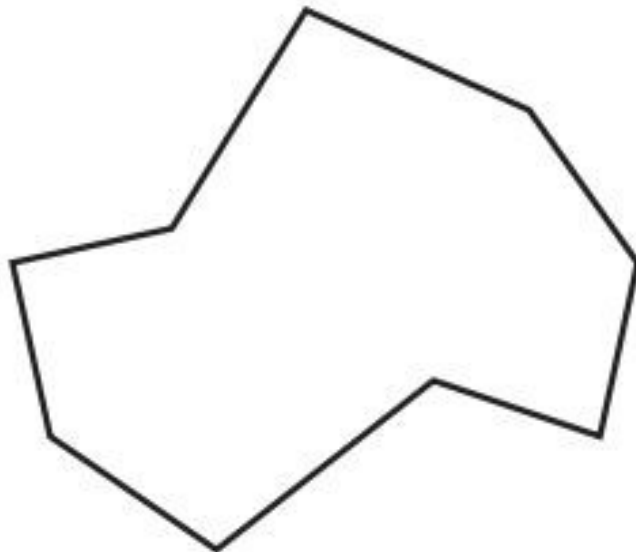
68°

x

121°

85°

103°

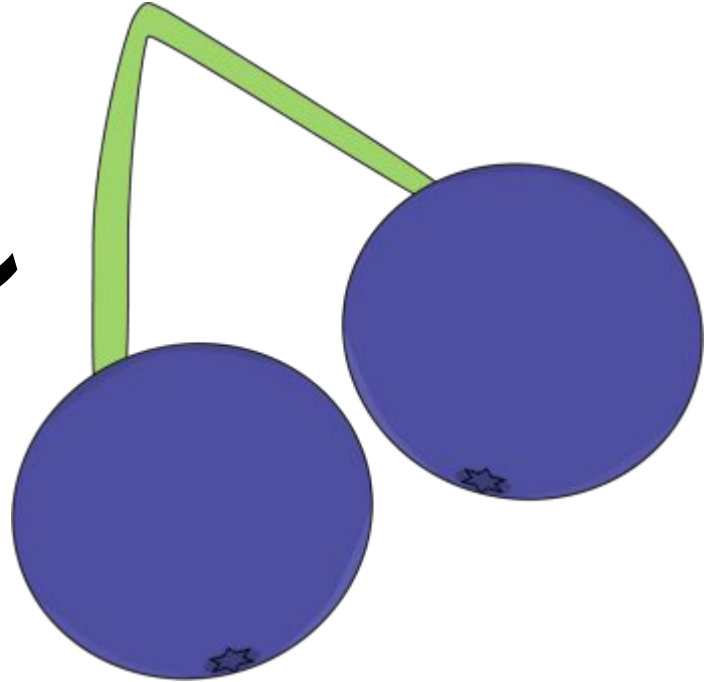# 163 Degrees

Raspberry

What is the sum of the measures of the interior angles of the polygon?

1260 Degrees

Blueberries

The sum of the interior angles of a polygon measures 2,160 degrees. How many sides does the polygon have?

Answer Key

answers can start at any fruit

Cherries

Grapes

Pear

Watermelon

Orange

Apple

Strawberry

Raspberry

Blueberry