Worksheet

2/14/19

Name: _____ Grade:

<u>1)</u>

Measure the size of the angle.
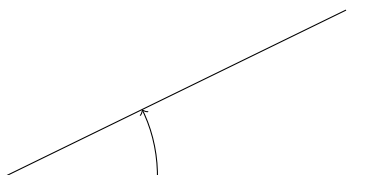
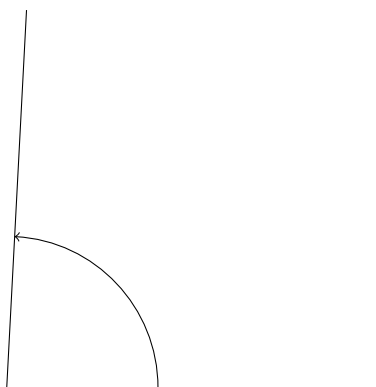a)   26 deg.   b)   87 deg.
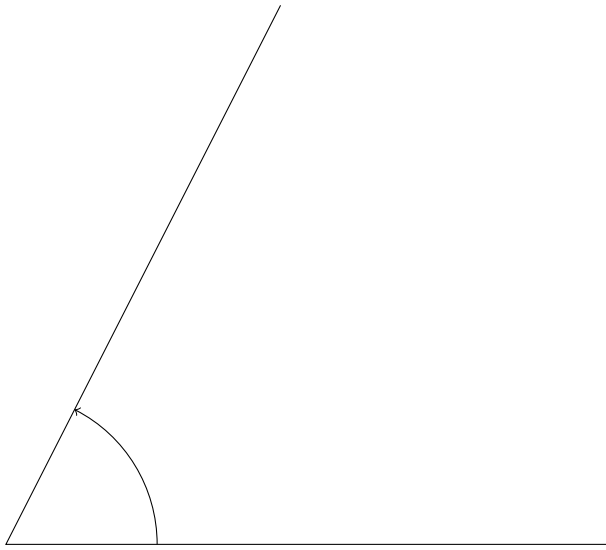
2)
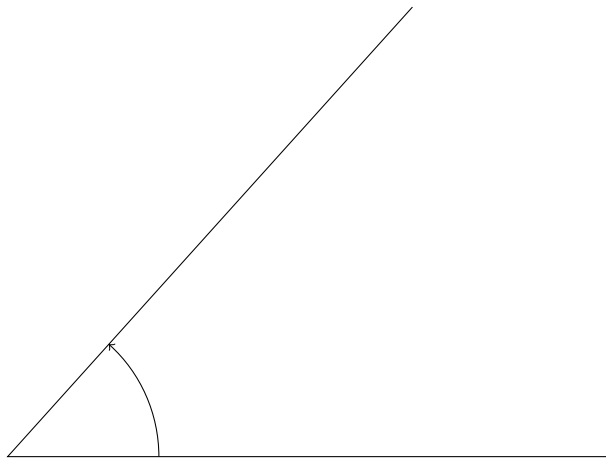
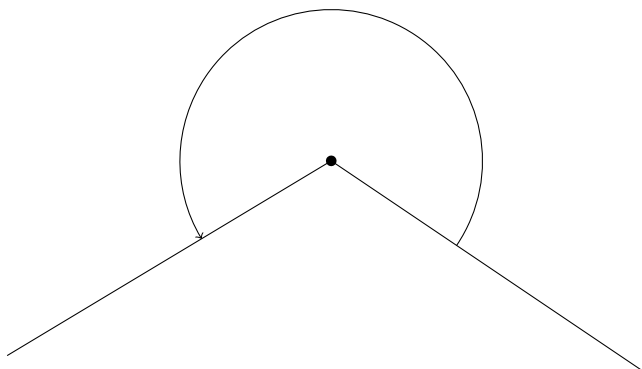Draw an angle of the specified size.

a) 63 degrees

b) 48 degrees

3)

What type of angle is shown? Mark the correct answer!

a)

√ reflex angle
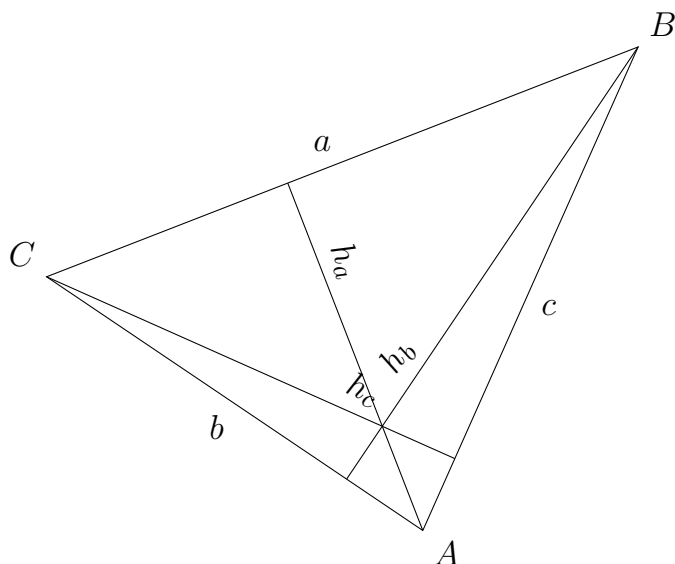× obtuse angle
× full angle

<u>4)</u>

Calculate the area T of this triangle. Do this by drawing one of the heights at your choice and measure its length along with the length of the corresponding side.

a) Area:
$a \cdot h_a/2 = 8.4 \cdot 4.9/2 = 20.6$
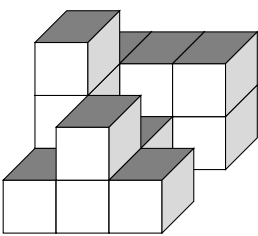$b \cdot h_b/2 = 6 \cdot 6.9/2 = 20.7$
$c \cdot h_c/2 = 7 \cdot 5.9/2 = 20.7$

<u>5)</u>

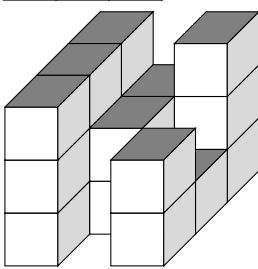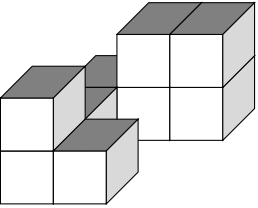How many cubes have to be added to this building to make it a solid cuboid?

a)

1	1	1
0	2	3
2	1	2

=13

b)

0	1	0
0	1	2
0	3	1

=8

1	0	0
1	2	2
0	1	2
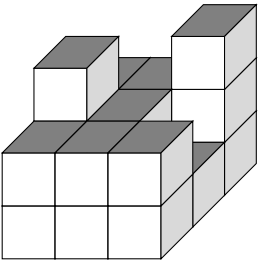
c)   =9

<u>6)</u>
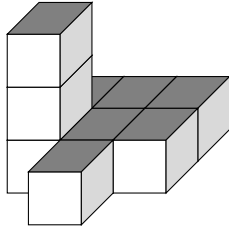
How many cubes is this building made of?

2	2	3
3	2	1
2	2	2

a)   =19

1	1	1
3	1	1
0	1	0

b)   =9

2	1	2
3	1	0
2	2	0

c)   =13

Good Luck!