

Geometry (G.GMD.1)
Unit Three: Circles (HW4)

Name: _____

Date: _____ Period: _____

1. Determine the requested information. (E) means leave as an exact value.

a) $r = 5$ cm

b) $d = 4.2$ in

c) $r = 3\sqrt{2}$ m

d) $d = \frac{2}{5}$ cm

$A =$ _____ (E)

$C =$ _____ (E)

$C =$ _____ (E)

$A =$ _____ (E)

2. Determine the missing information. (E) means leave as an exact value.

a) $d = 3$ cm

b) $A = 16\pi$ cm

c) $r = \frac{11}{16}$ cm

d) $C = 5\pi$ cm

$r =$ _____

$d =$ _____

$C =$ _____ (E)

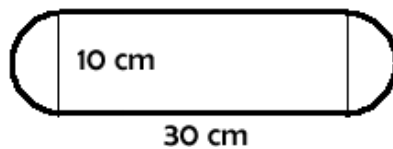
$A =$ _____

3. Determine the perimeter and area of the following figures. (Lines that appear to be perpendicular are.)

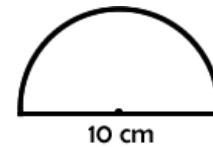
a)



b)



c)



Perimeter = _____

Perimeter = _____

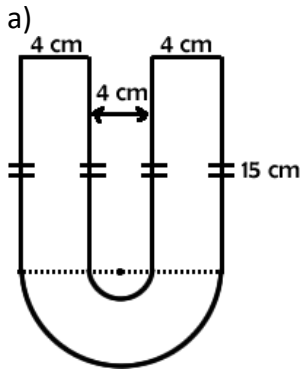
Perimeter = _____ (E)

Area = _____ (E)

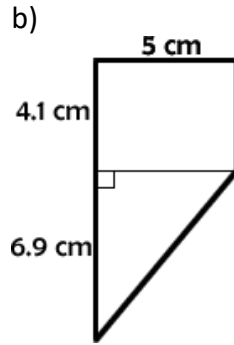
Area = _____ (E)

Area = _____ (E)

4. Determine the perimeter or area of the following figures. (Lines that appear to be perpendicular are.)

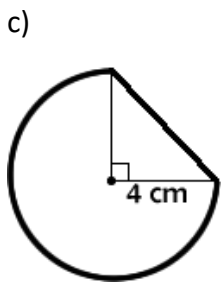


Perimeter = _____ (E)



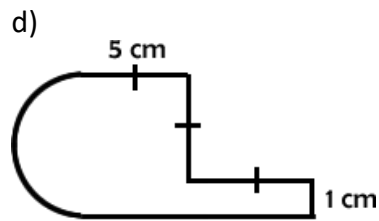
Perimeter = _____ (1 dec.)

Area = _____ (1 dec.)



Perimeter = _____ (E)

Area = _____ (E)



Perimeter = _____ (E)

Area = _____ (E)



Perimeter = _____ (E)

Area = _____ (E)