

CIRCLE AND POLYGON

7TH GRADE

#2

Using the given lengths, determine if they will make a triangle.

Side 1 : 3

Side 2 : 8

Side 3 : 7

Yes or no ?

#1

Using the given lengths, determine if they will make a triangle.

Side 1 : 5

Side 2 : 3

Side 3 : 2

Yes or No ?

#3

Using the given lengths, determine if they will make a triangle.

Side 1 : 5

Side 2 : 8

Side 3 : 20

Yes or no ?

#4

Using the given lengths, determine if they will make a triangle.

Side 1 : 5 Side 2 : 9 Side 3 : 20

Yes or no ?

#6

Find the circumference for this circle below.

Radius = 4 m

#5

Using the given lengths, determine if they will make a triangle.

Side 1 : 10 Side 2 : 10 Side 3 : 19

Yes or no ?

#7

Find the circumference for this circle below.

Diameter = 0.6 km

#8

Find the circumference for this circle below.

Radius = 24 yd

#10

Find the circumference for this circle below.

Radius = 0.02 mi

#9

Find the circumference for this circle below.

Diameter = 5.4 m

#11

Find the area of circle.

Diameter = 9 ft

#12

Find the area of circle.

Diameter = 13 m

#14

Find the area of circle.

Radius = 13 km

#13

Find the area of circle.

Radius = 14 cm

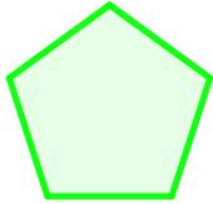
#15

Find the area of circle.

Diameter = 38 yd

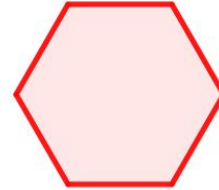
#16

Label the polygons.



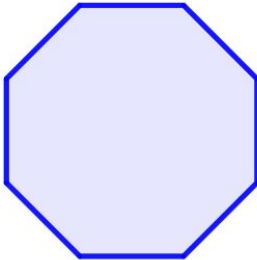
#18

Label the polygons.



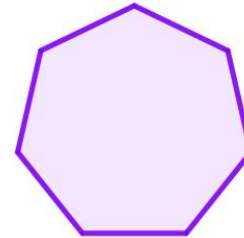
#17

Label the polygons.



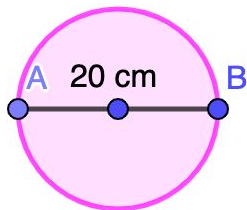
#19

Label the polygons.



#20

What is the radius of the circle ?

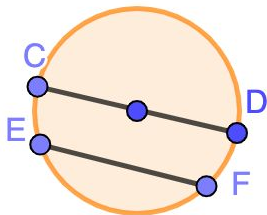


#22

$$3.2\text{L} = \underline{\hspace{1cm}} \text{ ml}$$

#21

Can the diameter in the figure below be named ?



#23

$$858 \text{ ml} = \underline{\hspace{1cm}} \text{ kl}$$

#24

$431 \text{ km} + 526 \text{ km}$
 $= \underline{\hspace{2cm}} \text{ cm}$

#24

$431 \text{ km} + 526 \text{ km}$
 $= \underline{\hspace{2cm}} \text{ cm}$

#26

74,470 inches is how many miles ?

#26

74,470 inches is how many miles ?

#25

23.6 feet is how many yards ?

#25

23.6 feet is how many yards ?

#27

600 miles is how many yards ?

#27

600 miles is how many yards ?

#28

**75 quarts is how many
gallons ?**

#30

**4.36 miles is how
many inches ?**

#29

**336 cups is how many
pints ?**



TASK CARDS - ANSWERS

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30

TASK CARDS - ANSWERS - GRADE 7 - CERCLE AND POLYGON

1 No	2 Yes	3 No	4 No	5 Yes	6 8π m
7 0.6π km	8 48π yd	9 5.4π m	10 0.04π mi	11 20.25π ft ²	12 42.25π m ²
13 196π cm ²	14 169π km ²	15 361π yd ²	16 Pentagon	17 Octagon	18 Hexagon
19 Heptagon	20 10 cm	21 \overline{CD}	22 3200 ml	23 0.000858 kl	24 95700000 cm
25 7.87	26 0.0012	27 $1.056e+6$	28 18.75	29 170.423	30 276249.6