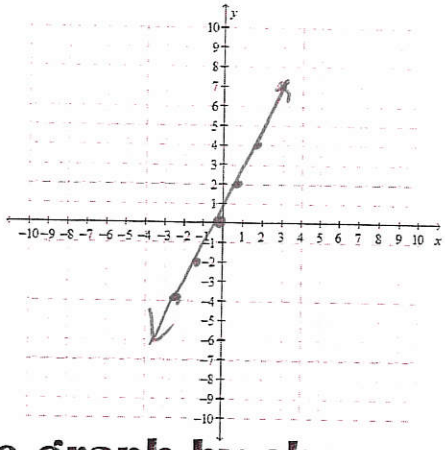
Math 2 Honors Name Key

Review Topics Period_____

Fill in the table and graph.

1. Y = 2x

x	y
-2	-4
-1	-2
0	0
1	2
2	4

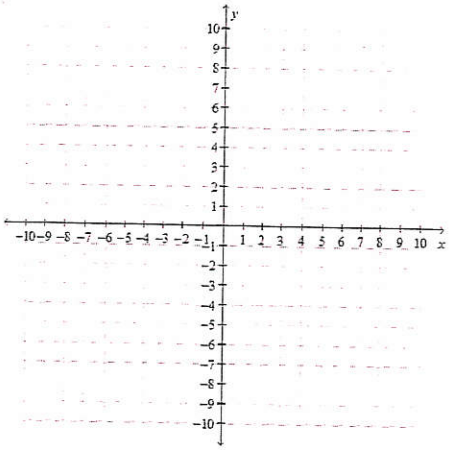


Name the graph by shape.

line

2. Y = ½ x

x	y
-2	
-1	
0	
1	
2	

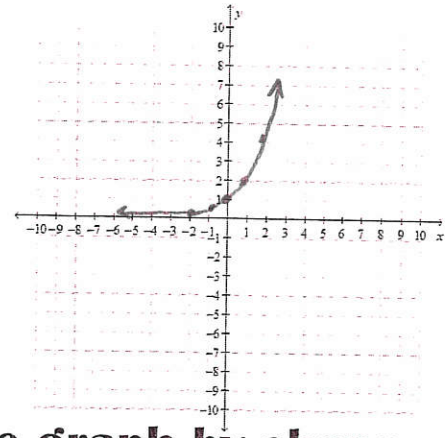


Name the graph by shape.

line

3. Y = 2^x

x	y
-2	¼
-1	½
0	1
1	2
2	4

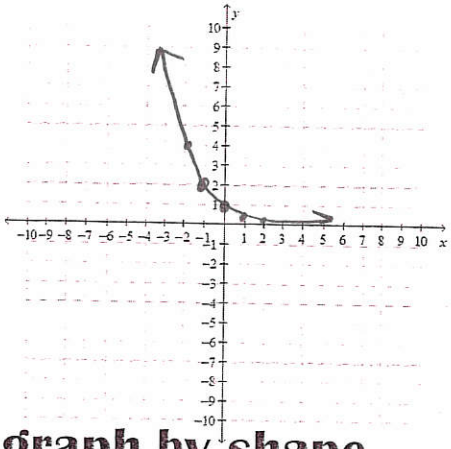


Name the graph by shape.

exponential Growth

4. Y = $(½)^x$

x	y
-2	4
-1	2
0	1
1	½
2	¼



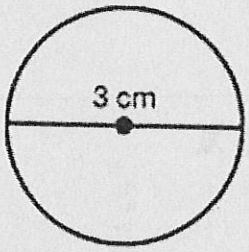
Name the graph by shape.

exponential Decay

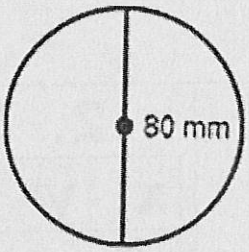
What is the formula for the circumference of a circle?

$C = 2\pi r$ or $C = \pi d$

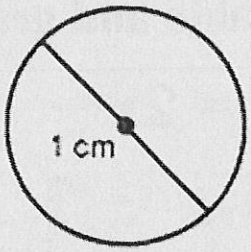
Use it to answer the following.



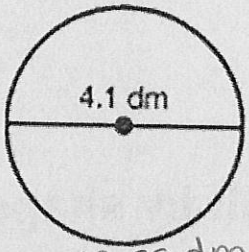
C = 3π cm
≈ 9.42 cm



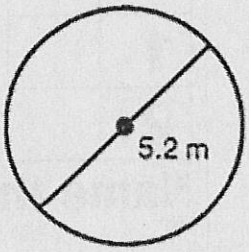
C = 80π mm
≈ 251.33 mm



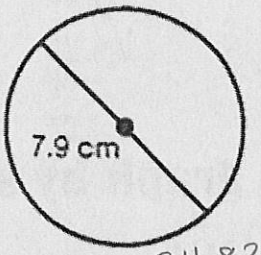
C = π cm
≈ 3.14 cm



12.88 dm
C = 4.1π dm



16.34 m
C = 5.2π m

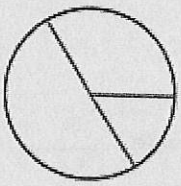


24.82 cm
C = 7.9π cm

What is the formula for the area of a circle?

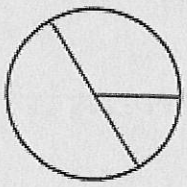
$A = \pi r^2$

Use it to answer the following.



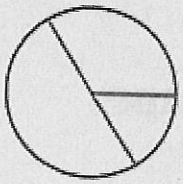
3.95 cm
d = 7.9 cm

A= 49.02 cm^2



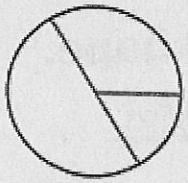
3.15 cm
d = 6.3 cm

A= 31.17 cm^2



r = 7.3 cm

A= 167.42 cm^2



d = 5.5 cm 2.75 cm

A= 23.76 cm^2