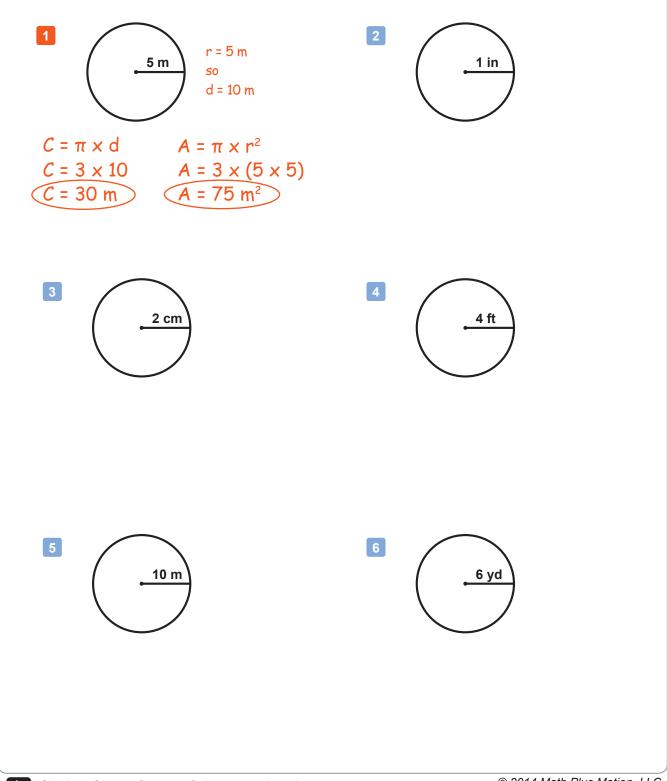


Date:

G-CCA 1

Estimating Circumference and Area

Instructions: A good way to quickly estimate the circumference and area of a circle is to round PI off to the whole number '3' (instead of using 3.14). Use PI = 3 to estimate the circumference and area of each of the circles below.





Date:

Calculating Circumference

G-CCA 2

Instructions: Use the formula you learned in the video to calculate the circumference of each circle below. Use PI = 3.14 and round your answers to two decimal places. You can use a calculator. (Note: Sometimes the problem gives you the radius, but sometimes it gives you the diameter.) $C = \pi \times d$ $C = \pi \times d$ $C = 3.14 \times 6 \text{ m}$ 3 m 1 in C = 18.84 m $d = 3 \times 2 = 6 m$ 3 4 km 7 ft 5 5 cm 5 in 0.4 yd 3.2 m



Calculating Area

Name:

Date:

G-CCA 3

Instructions: Use the formula you learned in the video to calculate the area of each circle below. Use PI = 3.14 and round your answers to two decimal places. You can use a calculator. (Note: Sometimes the problem gives you the radius, but sometimes it gives you the diameter.) $A = \pi \times r^{2}$ $A = 3.14 \times (3 \times 3)$ $A = 28.26 \text{ m}^{2}$ 6 m 5 ft $r = \frac{6}{2} = 3 m$ 3 9 cm 5 in 5 1 km 1.3 in 11 yd 2.3 m



Date:

Calculating Circumference and Area

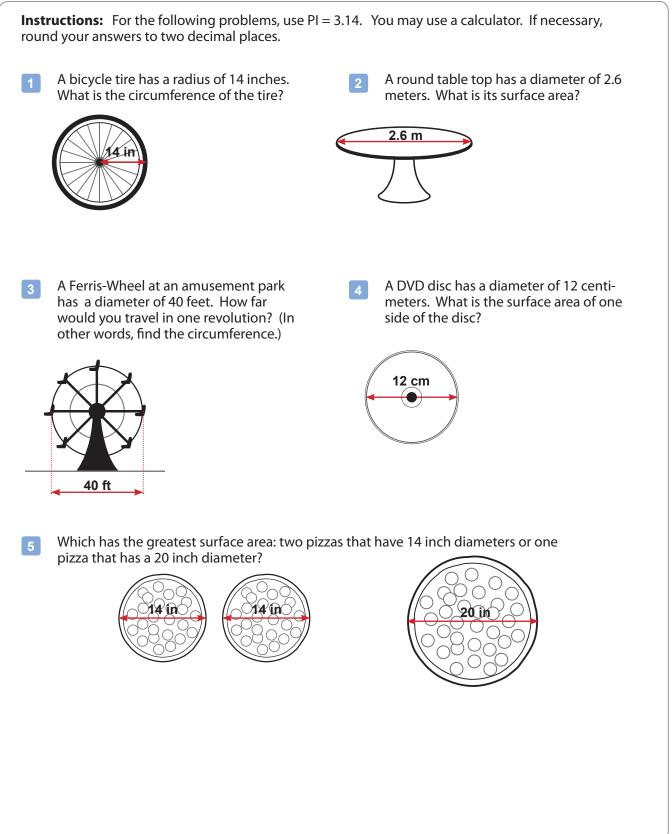




3	120	0	0
α		C	

G-CCA 5

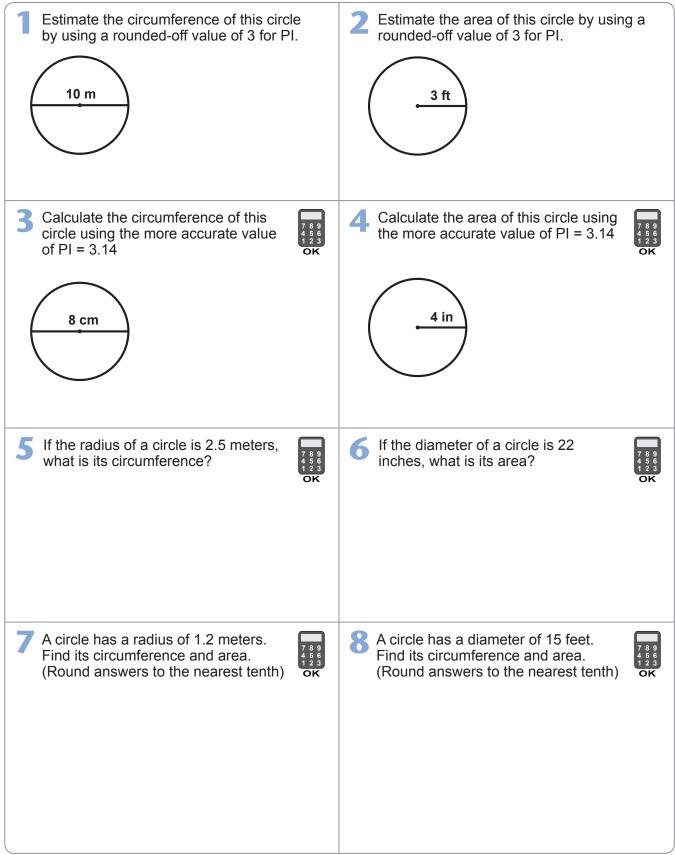
Circumference and Area - Word Problems



- N.	3	122		0	
	α		C		



Circles: Circumference & Area

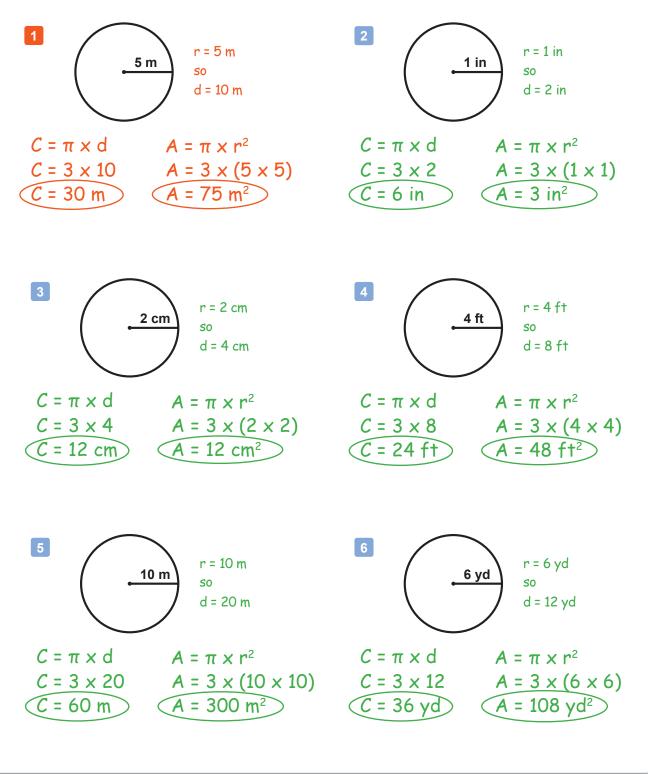




Date:

Estimating Circumference and Area

Instructions: A good way to quickly estimate the circumference and area of a circle is to round PI off to the whole number '3' (instead of using 3.14). Use PI = 3 to estimate the circumference and area of each of the circles below.



G-CCA 1

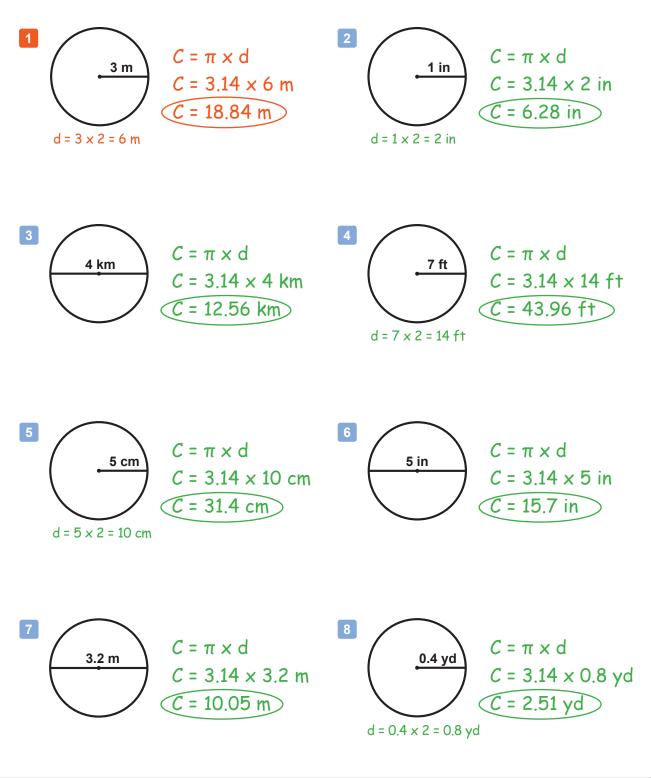


Date:

G-CCA 2

Calculating Circumference

Instructions: Use the formula you learned in the video to calculate the circumference of each circle below. Use PI = 3.14 and round your answers to two decimal places. You can use a calculator. (Note: Sometimes the problem gives you the radius, but sometimes it gives you the diameter.)





Calculating Area

3

5

Name:

Date:

G-CCA 3 Instructions: Use the formula you learned in the video to calculate the area of each circle below. Use PI = 3.14 and round your answers to two decimal places. You can use a calculator. (Note: Sometimes the problem gives you the radius, but sometimes it gives you the diameter.) $A = \pi \times r^{2}$ $A = 3.14 \times (3 \times 3)$ $A = 28.26 \text{ m}^{2}$ $A = \pi \times r^{2}$ A = 3.14 × (5 × 5) A = 78.5 ft² 5 ft 6 m $r = \frac{6}{2} = 3 m$ $A = \pi \times r^{2}$ $A = 3.14 \times (9 \times 9)$ $A = 254.34 \text{ cm}^{2}$ $A = \pi \times r^2$ 9 cm 5 in $A = 3.14 \times (2.5)^2$ $A = 19.63 \text{ in}^2$ $r = \frac{5}{2} = 2.5$ in $A = \pi \times r^{2}$ $A = 3.14 \times (0.5)^{2}$ $A = 0.79 \text{ km}^{2}$ $A = \pi \times r^2$ 1 km 1.3 in $A = 3.14 \times (1.3)^2$ $A = 5.31 \text{ in}^2$ $r = \frac{1}{2} = 0.5 \text{ km}$ $A = \pi \times r^{2}$ $A = 3.14 \times (2.3)^{2}$ $A = 16.61 \text{ m}^{2}$ $A = \pi \times r^2$ 11 yd 2.3 m $A = 3.14 \times (5.5)^2$ $A = 94.99 \text{ yd}^2$

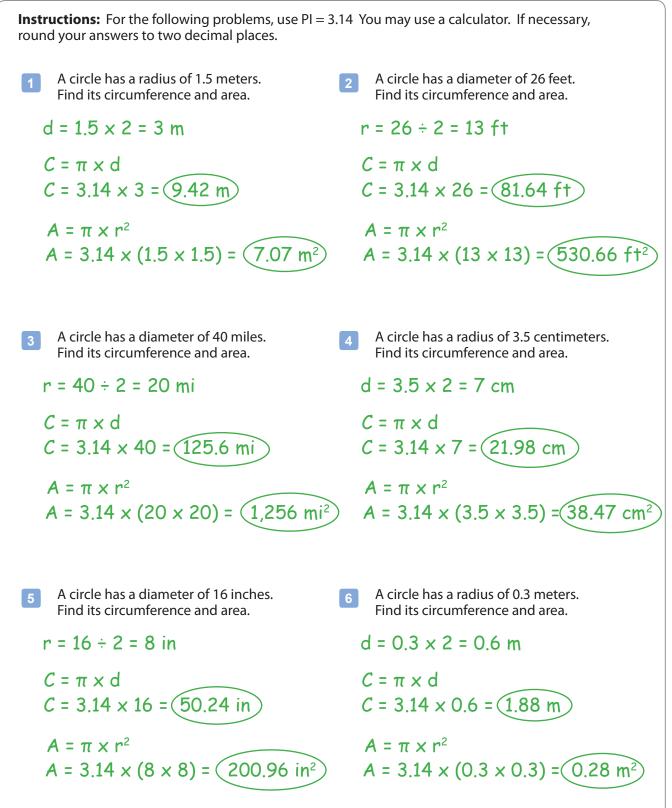
 $r = \frac{11}{2} = 5.5 \text{ yd}$



Date:

G-CCA 4

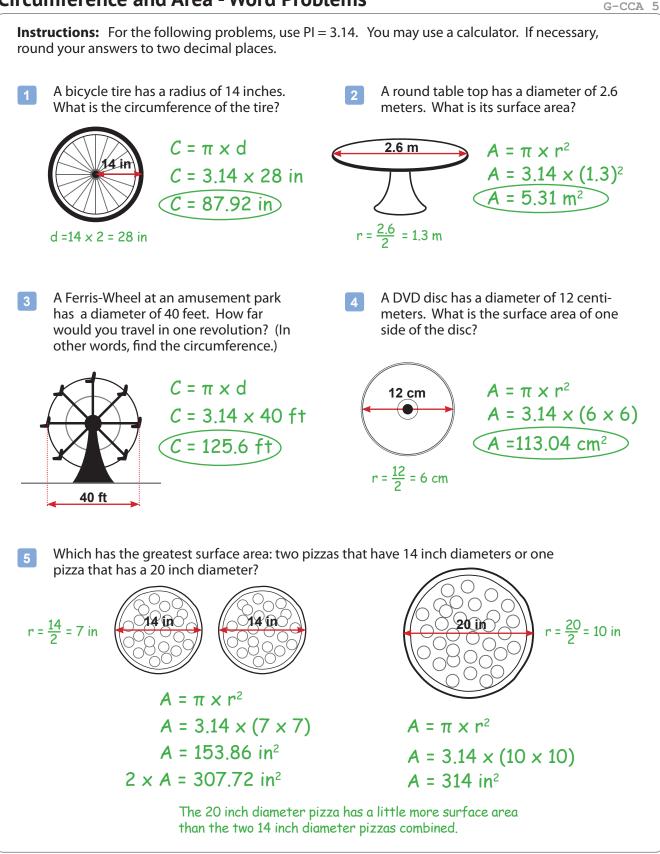
Calculating Circumference and Area





3	120	0	0
a		C	

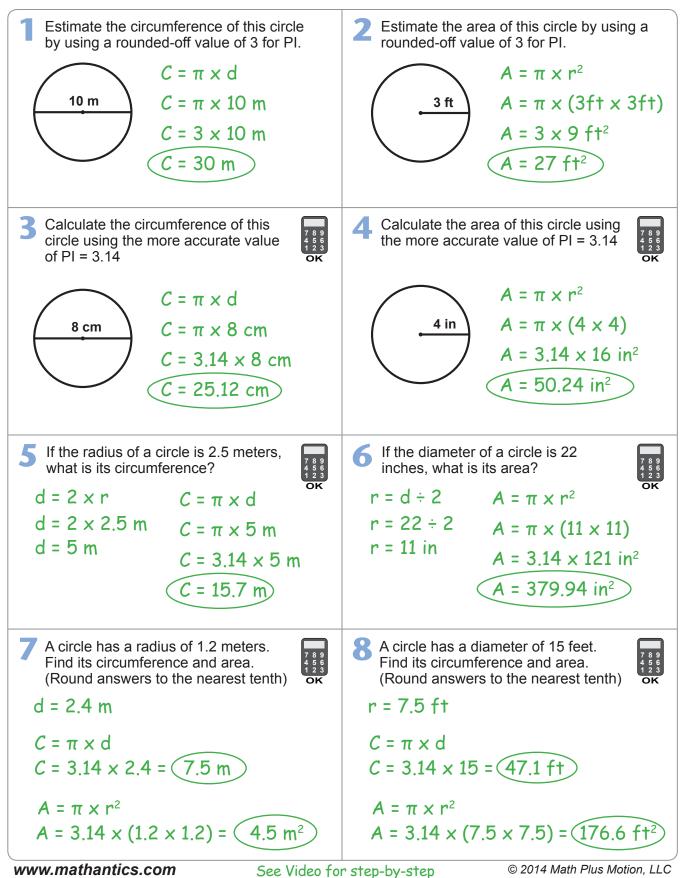
Circumference and Area - Word Problems



- N	3	1111		0
	CI		C	0



Circles: Circumference & Area



solutions to each problem.