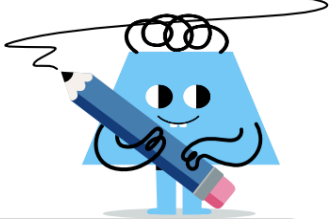
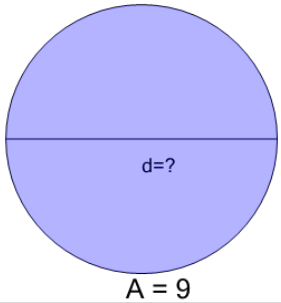
Name

Area of a Circle - Area and Image to Diameter (Pi Value)



1 If the area of this circle is 9, what it its diameter?



A = 9

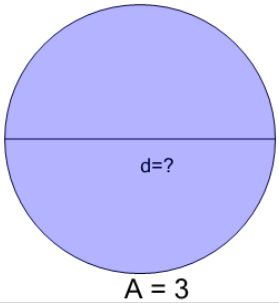
A $d = 2 \cdot \sqrt{\frac{9}{2 \cdot \pi}}$

B $d = 2 \cdot \sqrt{\frac{9}{\pi}}$

C $d = \sqrt{\frac{2 \cdot \pi}{9}}$

D $d = 9 \cdot \sqrt{\frac{2}{\pi}}$

2 If the area of this circle is 3, what it its diameter?



A = 3

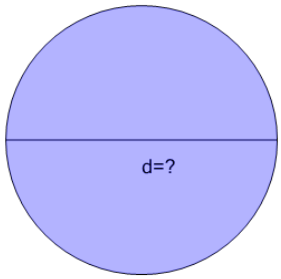
A $d = 2 \cdot \sqrt{\frac{3}{\pi}}$

B $d = 2 \cdot \sqrt{\frac{3}{2 \cdot \pi}}$

C $d = \sqrt{\frac{2 \cdot \pi}{3}}$

D $d = 3 \cdot \sqrt{\frac{2}{\pi}}$

3 If the area of this circle is 7, what it its diameter?



A = 7

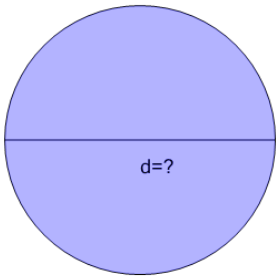
A $d = \sqrt{\frac{2 \cdot \pi}{7}}$

B $d = 2 \cdot \sqrt{\frac{7}{\pi}}$

C $d = 2 \cdot \sqrt{\frac{7}{2 \cdot \pi}}$

D $d = 7 \cdot \sqrt{\frac{2}{\pi}}$

4 If the area of this circle is 6, what it its diameter?



A = 6

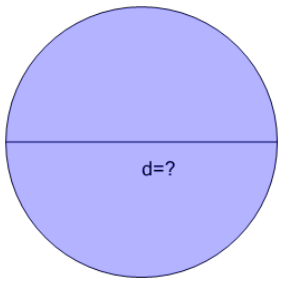
A $d = \sqrt{\frac{2 \cdot \pi}{6}}$

B $d = 6 \cdot \sqrt{\frac{2}{\pi}}$

C $d = 2 \cdot \sqrt{\frac{6}{\pi}}$

D $d = 2 \cdot \sqrt{\frac{6}{2 \cdot \pi}}$

5 If the area of this circle is 8, what it its diameter?



A = 8

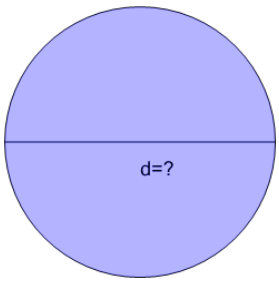
A $d = 8 \cdot \sqrt{\frac{2}{\pi}}$

B $d = \sqrt{\frac{2 \cdot \pi}{8}}$

C $d = 2 \cdot \sqrt{\frac{8}{\pi}}$

D $d = 2 \cdot \sqrt{\frac{8}{2 \cdot \pi}}$

6 If the area of this circle is 9, what it its diameter?



A = 9

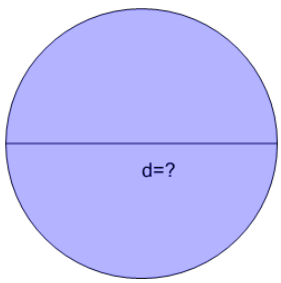
A $d = 9 \cdot \sqrt{\frac{2}{\pi}}$

B $d = \sqrt{\frac{2 \cdot \pi}{9}}$

C $d = 2 \cdot \sqrt{\frac{9}{\pi}}$

D $d = 2 \cdot \sqrt{\frac{9}{2 \cdot \pi}}$

7 If the area of this circle is 7, what it its diameter?



A = 7

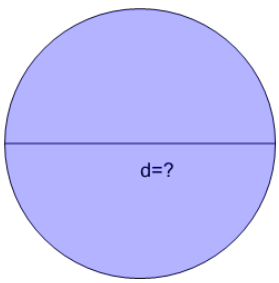
A $d = 2 \cdot \sqrt{\frac{7}{\pi}}$

B $d = \sqrt{\frac{2 \cdot \pi}{7}}$

C $d = 7 \cdot \sqrt{\frac{2}{\pi}}$

D $d = 2 \cdot \sqrt{\frac{7}{2 \cdot \pi}}$

8 If the area of this circle is 3, what it its diameter?



A = 3

A $d = 2 \cdot \sqrt{\frac{3}{\pi}}$

B $d = \sqrt{\frac{2 \cdot \pi}{3}}$

C $d = 2 \cdot \sqrt{\frac{3}{2 \cdot \pi}}$

D $d = 3 \cdot \sqrt{\frac{2}{\pi}}$