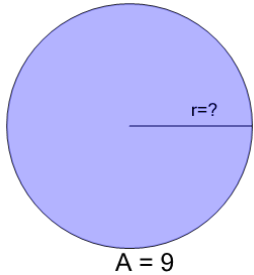# Area of a Circle - Area and Image to Radius (Pi Value)

1

If the area of this circle is 9, what it its radius?
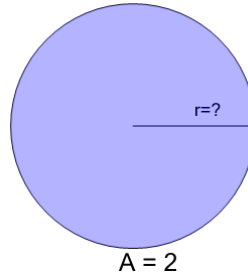
r=?

A = 9

A $r = \sqrt{\dfrac{9}{2 \cdot \pi}}$	B $r = 9 \cdot \sqrt{\dfrac{2}{\pi}}$
C $r = \sqrt{\dfrac{2 \cdot \pi}{9}}$	D $r = \sqrt{\dfrac{9}{\pi}}$

2

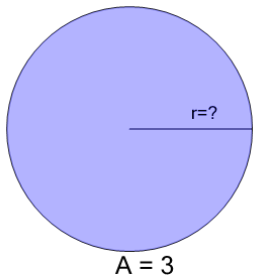If the area of this circle is 2, what it its radius?

r=?

A = 2

A $r = 2 \cdot \sqrt{\dfrac{2}{\pi}}$	B $r = \sqrt{\dfrac{2}{\pi}}$
C $r = \sqrt{\dfrac{2}{2 \cdot \pi}}$	D $r = \sqrt{\dfrac{2 \cdot \pi}{2}}$

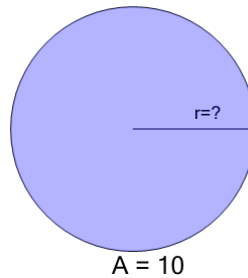**3**

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

r=?

A = 3

A $r = 3 \cdot \sqrt{\dfrac{2}{\pi}}$	B $r = \sqrt{\dfrac{3}{2 \cdot \pi}}$
C $r = \sqrt{\dfrac{3}{\pi}}$	D $r = \sqrt{\dfrac{2 \cdot \pi}{3}}$

4

If the area of this circle is 10, what it its radius?
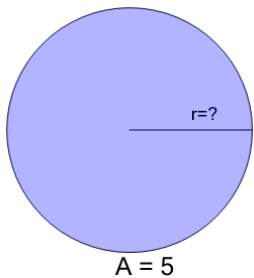
r=?

A = 10

A $r = \sqrt{\dfrac{2 \cdot \pi}{10}}$	B $r = \sqrt{\dfrac{10}{2 \cdot \pi}}$
C $r = \sqrt{\dfrac{10}{\pi}}$	D $r = 10 \cdot \sqrt{\dfrac{2}{\pi}}$

5

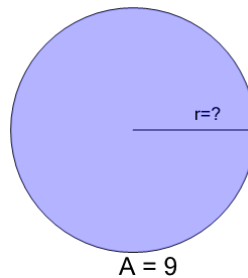If the area of this circle is 5, what it its radius?

r=?

A = 5

A $r = \sqrt{\dfrac{5}{\pi}}$	B $r = 5 \cdot \sqrt{\dfrac{2}{\pi}}$
C $r = \sqrt{\dfrac{2 \cdot \pi}{5}}$	D $r = \sqrt{\dfrac{5}{2 \cdot \pi}}$

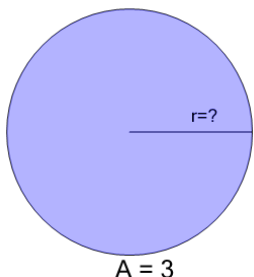**6**

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

r=?

A = 9

A $r = \sqrt{\dfrac{2 \cdot \pi}{9}}$	B $r = \sqrt{\dfrac{9}{2 \cdot \pi}}$
C $r = 9 \cdot \sqrt{\dfrac{2}{\pi}}$	D $r = \sqrt{\dfrac{9}{\pi}}$

7

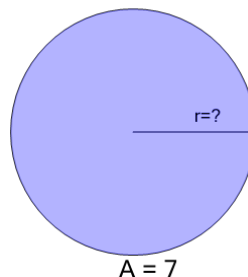If the area of this circle is 3, what it its radius?

r=?

A = 3

A $r = 3 \cdot \sqrt{\dfrac{2}{\pi}}$	B $r = \sqrt{\dfrac{2 \cdot \pi}{3}}$
C $r = \sqrt{\dfrac{3}{\pi}}$	D $r = \sqrt{\dfrac{3}{2 \cdot \pi}}$

8

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

r=?

A = 7

A $r = \sqrt{\dfrac{7}{2 \cdot \pi}}$	B $r = \sqrt{\dfrac{7}{\pi}}$
C $r = 7 \cdot \sqrt{\dfrac{2}{\pi}}$	D $r = \sqrt{\dfrac{2 \cdot \pi}{7}}$