Measurement Assessment

ACMMG197

Assessment   Navigator   Students   30 Min
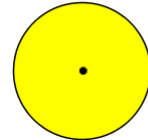
Name _____ **Teacher** _____ **Score** _____

Q.1.   The circumference of the circle is closest to:

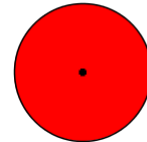   a)   7cm   b)   14cm   c)   21cm   d)   22cm   e)   44cm

Radius=7cm

Q.2.   The area of the circle is closest to:

   a)   44cm^2 b)   49cm^2 c)   154cm^2 d)   1078 cm^2 e)   None of these
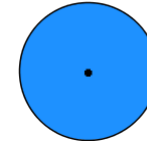
Radius=7cm

Q.3.   The area of the circle is closest to:

   a)   38.5cm^2 b)   77cm^2 c)   154cm^2 d)   1078 cm^2 e)   None of these
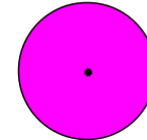
Diameter=7cm

Q.4.   The circumference of the circle is closest to:

   a)   14cm   b)   21cm   c)   22cm   d)   44cm   e)   154cm
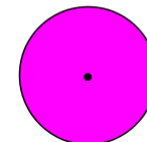
Diameter=7cm

Q.5.   The circumference divided by the diameter is closest to:

   a)   3.14   b)   6.28   c)   7   d)   14   e)   44

Radius=7cm
C=44 cm

Q.6.   The circumference of a circle is 31.4cm. The diameter of the circle is:

   a)   3.14cm   b)   5cm   c)   10cm   d)   20cm   e)   314cm

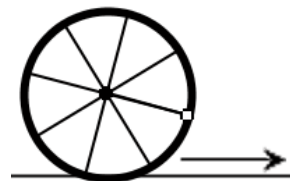Q.7.   The circle has a circumference of 62.8cm. The radius of the circle is:

   a)   3.14cm   b)   5cm   c)   10cm   d)   20cm   e)   40cm

Q.8.   The wheel of diameter 50cm rotates once. How far will it travel?

Q.9.   Two cogs '*a*' and '*b*' are connected. Cog '*a*' has radius 5cm. Cog '*b*' has radius 10cm. Each time cog '*b*' rotates once, cog '*a*'...

   a)   Does four   b)   Does two   c)   Does one   d)   Does half a   e)   None of these
        rotations   rotations   rotations   rotation

Q.10.   A car wheel has a diameter of 0.6m. How many times will the wheel rotate as the car travels 1km? (To the nearest rotation)

TEXAS
INSTRUMENTS