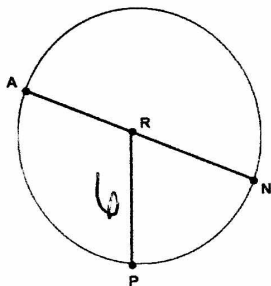


Examples:

1.) Calculate the following;

$$r = \frac{d}{2} \quad \text{OR} \quad d = 2r$$

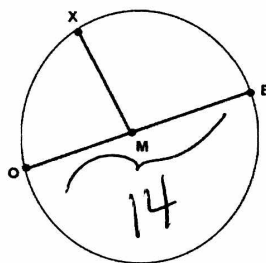
Given...	Find...	Answer
Radius (r) = 10 in	The diameter (d) $2(10)$	$d = 20$ in
Diameter (d) = 6.4 in	The radius (r) $\frac{6.4}{2}$	$r = 3.2$ in
Radius (r) = 12.3 in	The diameter (d) $2(12.3)$	$d = 24.6$ in
Diameter (d) = 1 in	The radius (r) $\frac{1}{2}$	$r = \frac{1}{2}$ or .5 in

2.) The radius RP is 6 inches.
What is the length of AN?AN represents the diameter.

$$AN = 12 \text{ in}$$

$$d = 2r$$

$$2(6)$$

3.) The diameter of OB is 14 cm.
Find the length of XM.XM represents the radius.

$$XM = 7 \text{ cm}$$

$$r = \frac{d}{2} \rightarrow \frac{14}{2}$$

Try It!

1.) Calculate the following:

a.) Given: radius (r) = 8 inches, find the diameter (d) $d = \underline{\hspace{2cm}}$ in.b.) Given: diameter (d) = 14.6 inches, find the radius (r) $r = \underline{\hspace{2cm}}$ in.c.) Given: radius (r) = 6.5 inches, find the diameter (d) $d = \underline{\hspace{2cm}}$ in.d.) Given: diameter (d) = 11 inches, find the radius (r) $r = \underline{\hspace{2cm}}$ in.e.) Given: radius (r) = 9 inches, find the diameter (d) $d = \underline{\hspace{2cm}}$ in.