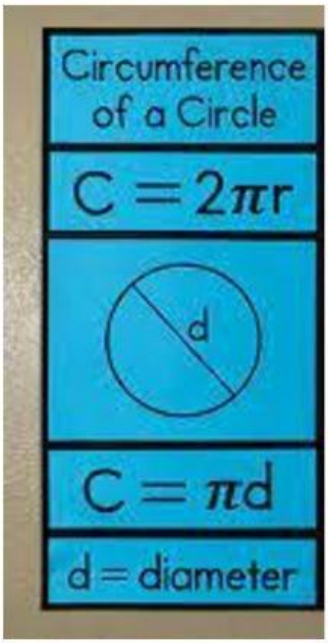
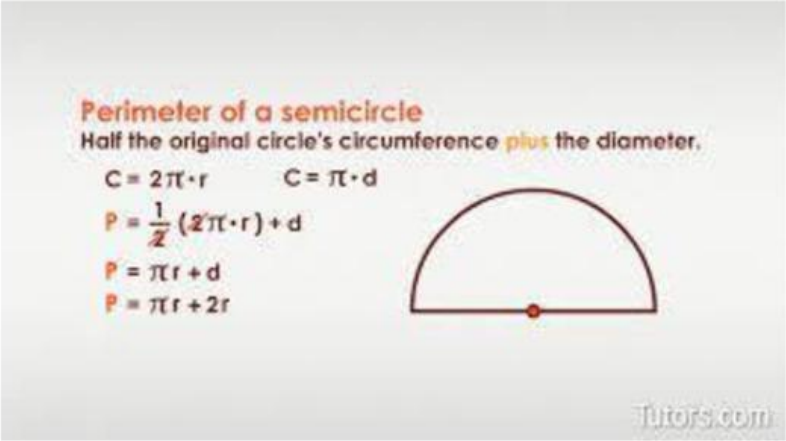
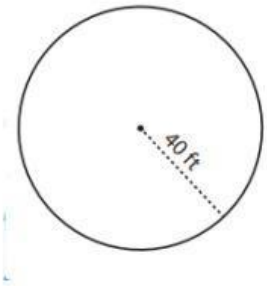




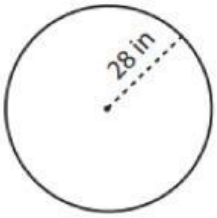
Find the circumference of each circle. Round your answer to the nearest tenth. (use π = 3.14)

➢



Circumference = _____ ft

➢



Circumference = _____ in

LIVEWORKSHEETS

➢

Circumference = _____ in

➢ Find the length of the plastic strip required to "x around the corner of a circular plate with a radius of 14.5 in. (use $\pi = 3.14$)

_____

➢ An iron rod of length 10.38 ft is bent to form a circle. What is the radius of the circle?

_____

➢ A circular paddy field has a circumference of 89.18 yd. Find its diameter.

_____

➢ The tip of the minute-hand travels 70.96 in in one hour. Find the length of the minute-hand.

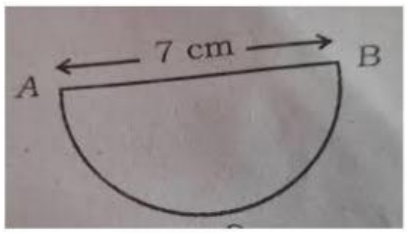
_____

➢ The circumference of a semicircle is the sum of half of the given circle's circumference plus the diameter of the circle.

a) TRUE b) FALSE

➢ What is the perimeter of a semicircle with a diameter of 7 cm?

_____



LIVEWORKSHEETS

- If the perimeter of a semicircle is 36 units, then find the radius.

_____

- calculate the circumference of a semi-circle whose diameter is 8 units.

- For a vehicle having wheels of radius 24cm find the distance covered by it in one complete revolution of wheels.

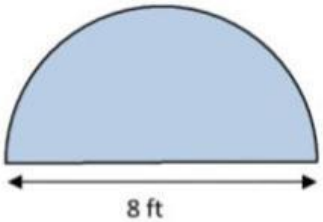
_____

- What is the radius of the semicircle if its perimeter is 144 units? (Use $\pi = 3.14$)

_____

-

A semicircular pond has a diameter of 8 ft.
What is the perimeter of the pond to the nearest foot?

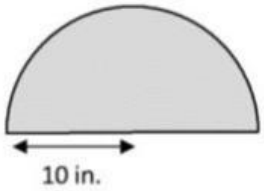


Perimeter of the pond is _____.

LIVEWORKSHEETS

➢

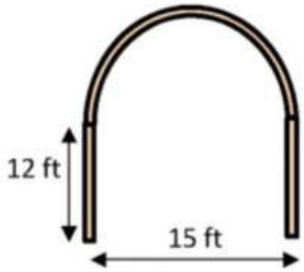
A semicircular mirror has a radius of 10 inches.
What is the perimeter of the mirror?
Give your answer to 1dp



Perimeter of the mirror is _____.

➢

The arch below is made of two straight sections and a semi-circle. Work out the perimeter of the arch.
Give your answer to 1 decimal place.

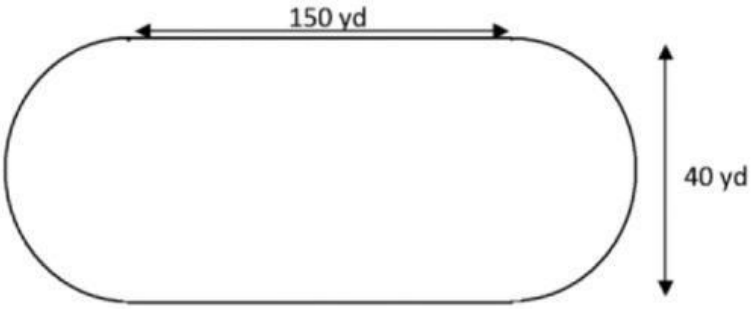


Perimeter of the arch is _____.

LIVEWORKSHEETS

➢

A running track is made up of 2 semi-circles at either end and a rectangle in the middle (see diagram below).
What is the perimeter of the track to the nearest yard?



Perimeter of the track is _____.

LIVEWORKSHEETS