

Area & Perimeter Revision 1 Phase 4

Q1 The area of a square is 121m^2

- a. Calculate the perimeter of the square
- b. Determine the length of the diagonal in the square

Q2 The radius of a circle is 3.7m

- a. Calculate the area of the circle
- b. Calculate the length of the circumference

Q 3 The area of a circle is 531mm^2

Determine the lengths of the radius and the circumference of the circle

Q 4 The length of the circumference of a circle is 1.9m

Calculate the length of the diameter and the area of the circle

Q 5 The diameter of a circle is 975mm

Calculate the length of the circumference of the circle

Q 6 If the radius of a circle is 150mm

- a. Calculate the area of the circle
- b. Calculate the length of the circumference

Q 7 If the area of a circle is 0.866m^2

- a. What is the radius of the circle
- b. Calculate the length of the circumference

Q 8 If the circumference of a circle is 2.3m in length

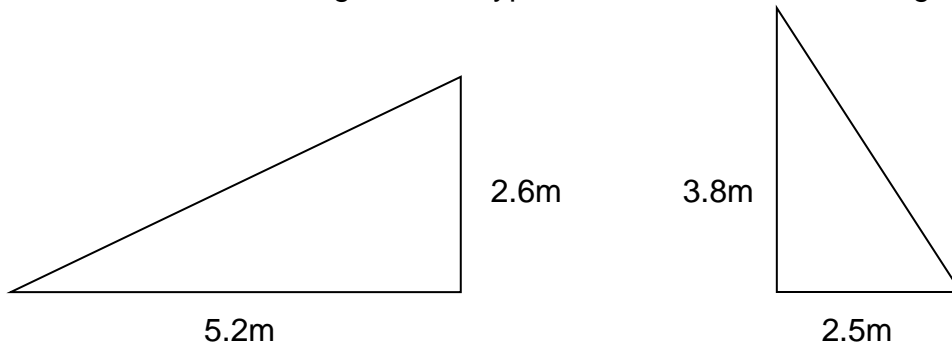
- a. Determine the length of the radius

b. Determine the area of the circle

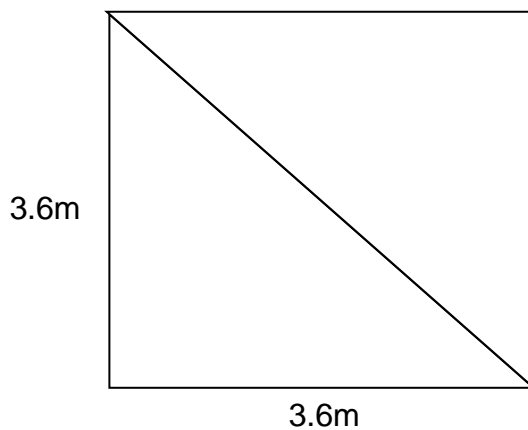
Q 9 The diameter of a circle is 8.25m

Calculate the length of the circumference of the circle

Q10 Calculate the length of the hypotenuse in each of the triangles below



Q 11 Calculate the length of the diagonal in the square



Q12 Determine the length of the hypotenuse if the areas of the squares on the other two sides are 12.96m^2 and 27.04m^2

Q13 A room measuring 6.26×4.52 is to be covered with plywood.

Calculate the number of sheets required. Each sheet measures $2.44 \times 1.2\text{m}$