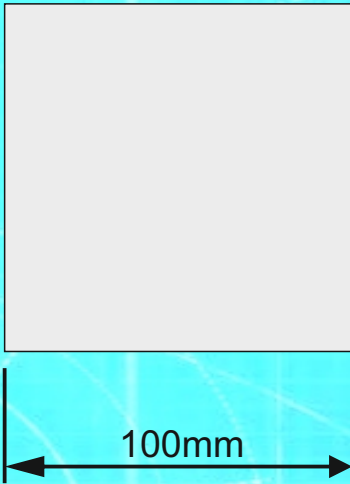


1 MATHEMATICS - AREA OF A SQUARE

HELPFUL LINK <http://www.technologystudent.com/pdf14/maths2.pdf>

FORMULA AREA = X^2 OR $X = X$ multiplied by X

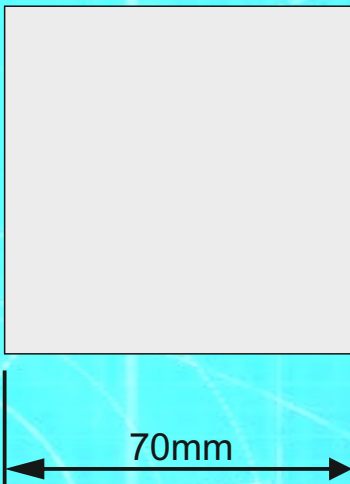


Calculate the area of the square shown opposite.
The length of one side is 100mm

2 MATHEMATICS - AREA OF A SQUARE

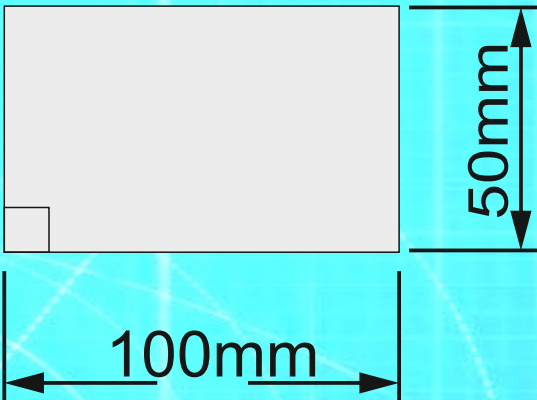
HELPFUL LINK <http://www.technologystudent.com/pdf14/maths2.pdf>

FORMULA AREA = X^2 OR $X = X$ multiplied by X



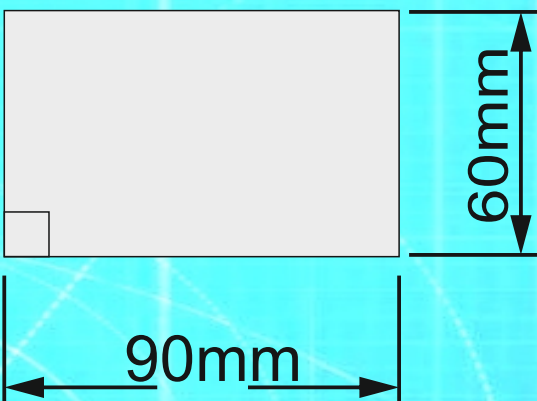
Calculate the area of the square shown opposite.
The length of one side is 70mm

3

MATHEMATICS - AREA OF A RECTANGLE**HELPFUL LINK**<http://www.technologystudent.com/pdf14/maths3.pdf>**FORMULA****AREA =LENGTH x HEIGHT**

Calculate the area of the rectangle shown opposite.

4

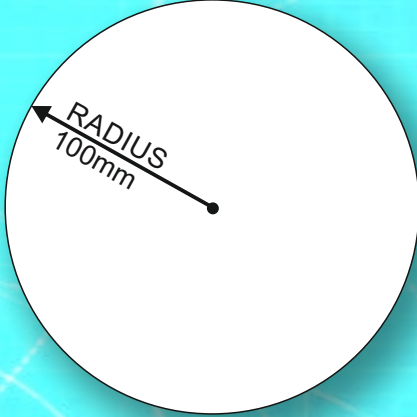
MATHEMATICS - AREA OF A RECTANGLE**HELPFUL LINK**<http://www.technologystudent.com/pdf14/maths3.pdf>**FORMULA****AREA =LENGTH x HEIGHT**

Calculate the area of the rectangle shown opposite.

5 **MATHEMATICS - AREA OF A CIRCLE**

HELPFUL LINK <http://www.technologystudent.com/pdf14/maths4.pdf>

FORMULA **AREA = πr^2** **π (pi) = 3.14**



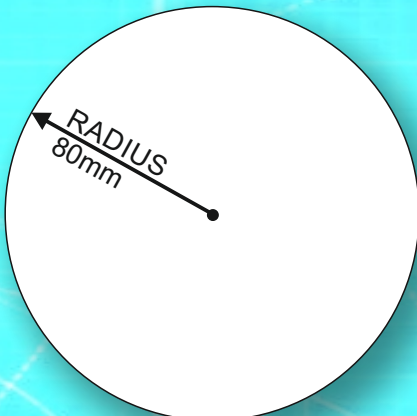
A circle has a radius of 100mm. What is the area of the circle?

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6 **MATHEMATICS - AREA OF A CIRCLE**

HELPFUL LINK <http://www.technologystudent.com/pdf14/maths4.pdf>

FORMULA **AREA = πr^2** **π (pi) = 3.14**



A circle has a radius of 80mm. What is the area of the circle?

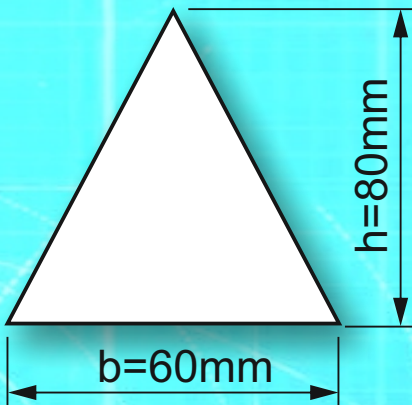
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7 MATHEMATICS - AREA OF A TRIANGLE

HELPFUL LINK <http://www.technologystudent.com/pdf14/maths5.pdf>

FORMULA

AREA = $\frac{1}{2}$ X BASE X HEIGHT



A triangle has a base of 60mm and a height of 80mm

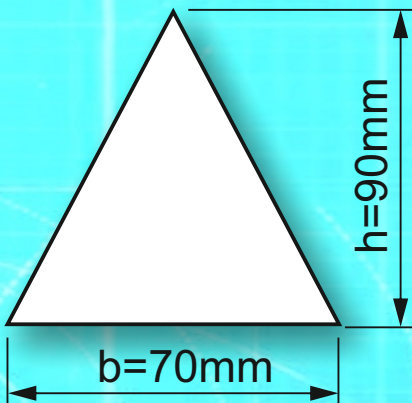
$$\text{AREA} = \frac{b \times h}{2}$$

8 MATHEMATICS - AREA OF A TRIANGLE

HELPFUL LINK <http://www.technologystudent.com/pdf14/maths5.pdf>

FORMULA

AREA = $\frac{1}{2}$ X BASE X HEIGHT



A triangle has a base of 70mm and a height of 90mm

$$\text{AREA} = \frac{b \times h}{2}$$