

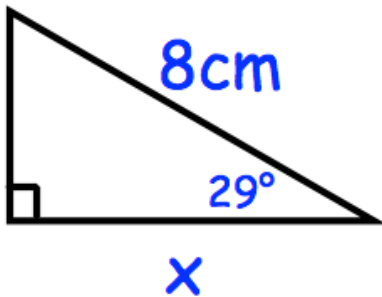


Martin has tried to factorise  $20m + 16$ .

His answer is  $2(10m + 8)$

His teacher gave him one mark out of two.

Explain to Martin what he should do to get two marks?



Find  $x$ .

Material A has a density of  $5.8\text{g/cm}^3$ .  
Material B has a density of  $4.1\text{g/cm}^3$ .

377g of Material A and 1.64kg of Material B form Material C.

Work out the density of Material C.

Solve  $6x + 1 = 20 - 4x$

$\xi = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12\}$

$A = \{\text{odd numbers}\}$

$B = \{\text{prime numbers}\}$

Draw a Venn diagram for this information.

