Foundation (Grade 5) GCSE Mini Test 2

1 A sprinter runs a distance of 400 metres in 44 seconds.

Work out the average speed of the sprinter.

Give your answer to 1 decimal place.

A liquid has a density of 1.25 grams per ml. Find the mass of 250 ml of the liquid.

3 It takes 3 painters 6 days to paint a building.

Work out how many days it would take 2 painters to paint the same building.

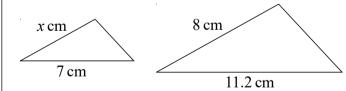
4 Given that P(A) = 0.82, find P(A')

5 Write 0.09 in standard form.

6 In a class the ratio of boys to girls is 3:2 30% of the boys are left handed.

What fraction of all the people in the class are left handed boys?

7 The triangles are mathematically similar.



Calculate the value of x.

8 Solve the simultaneous equations:

$$5x - 2y = 29$$
$$3x - 4y = 23$$

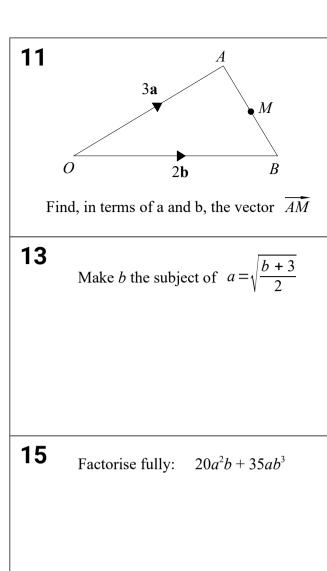
9 A 6 cm B 14.4 cm

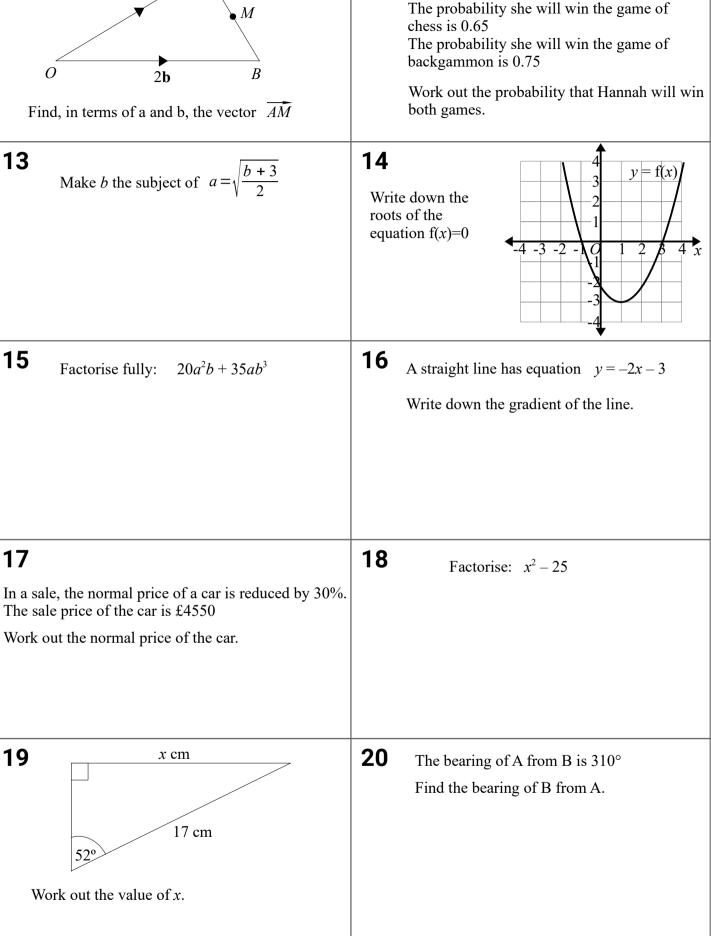
Calculate the length of AC.

10 Laura invests £2400 for 4 years in a savings account.

She gets 2.5% per annum compound interest.

How much money does Laura have at the end of 4 years.

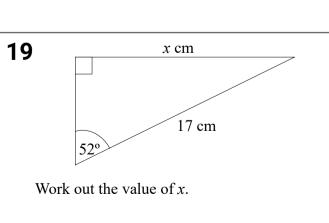




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Hannah is going to play one game of chess

and one game of backgammon.



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