

**1** At the end of 2017

the value of Tamara's house was £220 000

the value of Rahim's house was £160 000

At the end of 2019

the value of Tamara's house had decreased by 20%

the value of Rahim's house had increased by 30%

At the end of 2019, whose house had the greater value?

You must show how you get your answer.

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**(Total for Question 1 is 4 marks)**

2 Elena spent 120 minutes at a sports centre.

She played badminton for 50 minutes.

She used the swimming pool for  $\frac{1}{6}$  of the 120 minutes.

She used the gym for 20% of the 120 minutes.

She then spent the rest of the 120 minutes in the cafe.

(a) Work out the total time, in minutes, that Elena spent in the cafe.

..... minutes  
(4)

Elena got to the sports centre at 1.30 pm.

She had asked her friend to meet her in the cafe at 3 pm.

(b) Did Elena get to the cafe by 3 pm?

Give a reason for your answer.

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 .....  
 .....  
 (1)

**(Total for Question 2 is 5 marks)**

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