

Answer ALL TWENTY TWO questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

- 1 Work out the value of $\frac{6.6 \times 1.2}{4.4 - 2.75}$

$$\frac{7.92}{1.65}$$

4.8

(Total for Question 1 is 2 marks)

- 2 A group of students take a test.
The group consists of 12 boys and 8 girls.
The mean mark for the boys is 18
The mean mark for the girls is 16.5
Calculate the mean mark for the whole group.

$$\begin{aligned} & [(12 \times 18) + (8 \times 16.5)] \div 20 \\ &= (216 + 132) \div 20 \\ &= 348 \div 20 \end{aligned}$$

17.4

(Total for Question 2 is 4 marks)



P 4 0 6 6 1 A 0 3 2 0

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Jin-Ying Zhang



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