

KS2 Maths 2010 Paper A Question 13 answer

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Answers

13a. 5

13b. 15

One mark is awarded for the correct answer to 13a.

One mark is awarded to the correct answer to 13b.

There is a slight twist to the mark scheme here. If the answer is incorrect a mark can be awarded if the answers to 13a and 13b total 20.

Suggested method:

A nice little question to pick up two valuable marks, especially if near the level 3/4 or 4/5 boundaries.

The first thing to do is work out that two of the lighter grey rectangles will total 40 cm. Then subtract 40 cm from 45 cm, leaving 5 cm which is the answer to 13a.

The second part can be worked out in several ways, including;

1. Subtract 5 cm from 20 cm, leaving 15 cm. (Here is the reason for the optional mark if the answer is incorrect as it shows an understanding of the problem.)
2. Work out that 3 of the light grey rectangles will total 60 cm. Subtract 45 cm from 60 cm which gives 15 cm.

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