

KS2 Maths 2011 Paper B Questions 8 and 9 answers

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Answers

8. $\frac{3}{4}$

One mark awarded for a correct answer.

Equivalent fractions accepted as is 0.75.

Suggested method:

This question is another reading a number line problem and if children can count in quarters it is an easy mark. Firstly, it has to be recognised that the number line is showing quarters ($\frac{1}{2}$ is equivalent to $\frac{2}{4}$ and 1 is equivalent to $\frac{4}{4}$) making the missing number $\frac{3}{4}$.

9. A and D.

One mark awarded for a correct answer.

The letters can be given in either order. Both need to be given with no incorrect angles added.

Suggested method:

Answering this question correctly depends on 3 things:

Firstly, a recognition of the conventions for labelling angles, using the arc.

Secondly, a knowledge that an obtuse angle is larger than 90° but less than 180° .

If either of these are unknown it becomes purely a guessing game. (Some children do think that the angle depends on the length of the lines rather than a measure of turn.)

Thirdly, if these are known, then the obtuse angles still need to be recognised. One way to do this is to slide a right angle (eg a corner of a piece of paper) into the angle to see whether it is smaller or larger.

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