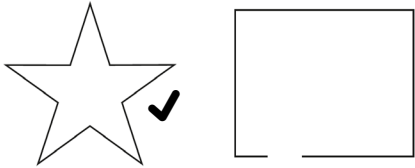


### Y3 – Spring – Block 2 – Step 10 – What is perimeter? Answers

Question	Answer
1	 <p>Only a closed shape can have a perimeter.</p>
2	<p>a) child's drawing of a shape that is not closed</p> <p>b) child's drawing of a closed shape</p>
3	<p>Jo</p> <p>Max has shaded the space inside the shape (area). Alex has drawn outside the triangle instead of along its edges.</p>
4	<p>a) B</p> <p>b) C</p>
5	<p>Amir</p> <p>Teddy has counted all the squares that are outside the shape, including at the corners, but squares 2, 5, 9, 11 and 14 are not adjacent to the shape.</p> <p>Sam has only counted one of the sides adjacent to 9</p>
6	<p>perimeter of A = 18 cm</p> <p>perimeter of B = 18 cm</p> <p>The two rectangles have the same perimeter.</p>
7	<p>perimeter of A = 20 cm</p> <p>perimeter of B = 22 cm</p> <p>perimeter of C = 16 cm</p>
8	<p>a) Tiny could use a piece of string to lay along the perimeter of the shape and then measure the length of the piece of string.</p> <p><i>The measured length will depend on how the worksheet is printed. The given answer is for the A4 booklet.</i></p> <p>b) approximately 10 cm</p> <p>Children's answers are likely to differ, as they cannot measure the perimeter precisely.</p>