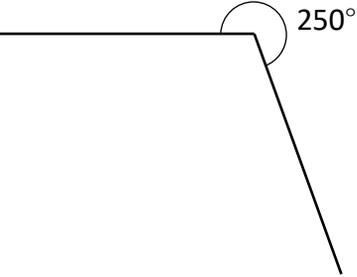


Y5 – Summer – Block 1 – Step 6 – Calculate angles around a point Answers

Question	Answer
1	a) $a = 300^\circ$ b) $b = 190^\circ$ c) $c = 231^\circ$ d) $d = 155^\circ$
2	250°
3	a) $w = 215^\circ$ b) $x = 290^\circ$ c) $y = 120^\circ$ d) $z = 95^\circ$
4	a) $m = 160^\circ$ b) $n = 106^\circ$
5	a) 110° b)  <p>All children's angles should be the same, but may be at different orientations.</p>
6	$y = 57^\circ$
7	a) $b = 120^\circ$ because angles around a point sum to 360° and $360 \div 3 = 120^\circ$ b) $c = 43^\circ$ because angles around a point sum to 360° $360 - 231 = 129^\circ$ and $129 \div 3 = 43^\circ$
8	$g = 144^\circ$