

Homework/Extension – Angles in a Quadrilaterals – Year 6 Developing

Angles in Quadrilaterals



Homework/Extension – Angles in a Quadrilaterals – Year 6 Expected

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Homework/Extension – Angles in a Quadrilaterals – Year 6 Greater Depth

Homework/Extension Angles in Quadrilaterals

Developing

1. Corrections include: $a = 90^\circ$, $b = 80^\circ$, $e = 110^\circ$

2. C; A; B or A = angle x measures 30°; B = the missing angle is half of 100°; C = each angle measures 90°

3. Millie cannot be correct as her angles total 340° and not 360°.

Expected

4. Corrections include: $a = 105^\circ$, $b = 105^\circ$, $d = 55^\circ$

5. B; A; C or A = the opposite angles are equal; B = the missing angle is 35° ; C = this shape has one pair of parallel sides.

6. Pedro can not be correct as his angles total 370° and not 360°.

Greater Depth

7. Corrections include: $a = 63^\circ$, $b = 94^\circ$, $c = 188^\circ$

8. C; A; B or A = all the angles of this shape are different sizes; B = the missing angle is 168°; C = the missing angle is 136°.

9. Hannah is correct. There are now five angles of 90° and one angle of 270°, which total 720°.







Homework/Extension – Angles in Quadrilaterals ANSWERS