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Homework/Extension – Vertically Opposite Angles – Year 6 Developing



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Homework/Extension Vertically Opposite Angles

<u>Developing</u>

1. $A = 60^{\circ}$, $b = 140^{\circ}$, $c = 150^{\circ}$.

2. A is true, B is false (they add up to 180°), C is true.

3. Hafsa is correct because angles on a straight line add up to 180°.

Expected

4. A = 44°, b = 151°, c = 142°.

5. A is true, B is false (they add up to 106°), C is true.

6. Sean is correct. Steph has subtracted 126 once instead of twice, she has forgotten the vertically opposite angle.

<u>Greater Depth</u>

7. A = 60°, b = 58°, c = 115°, d = 23°, e = 36°, f = 21°.
8. A is true, B is true, C is false (they measure 19° and 33°).
9. Alice is correct because angles on a straight line add up to 180°.



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Homework/Extension – Vertically Opposite Angles ANSWERS