

4 Triangles and parallel lines — Part 2

— Answers

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Work through these after trying the questions yourself.

4.6 180° .

4.7 $180 - 50 - 60 = 70^\circ$.

4.8 $180 - 70 - 70 = 40^\circ$.

4.9 Alternate angles.

4.10 75° (corresponding angles are equal).

4.11 The two base angles are equal and share $180 - 40 = 140^\circ$, so each is $140 \div 2 = 70^\circ$.