Name: ....   **Date:** ....
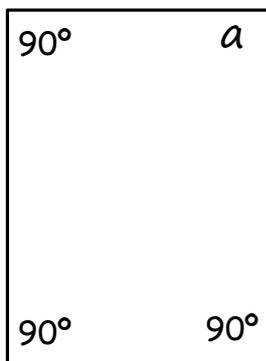
Angles in quadrilaterals.
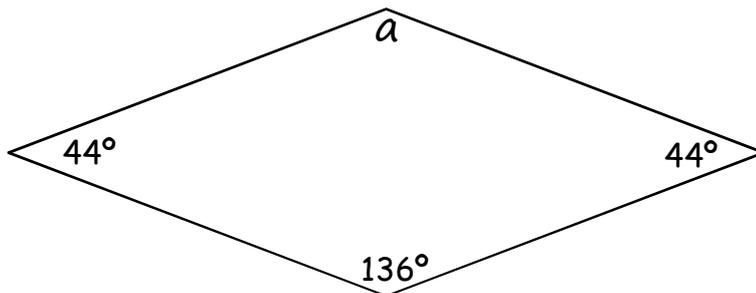
The angles of a quadrilateral add up to 360°.

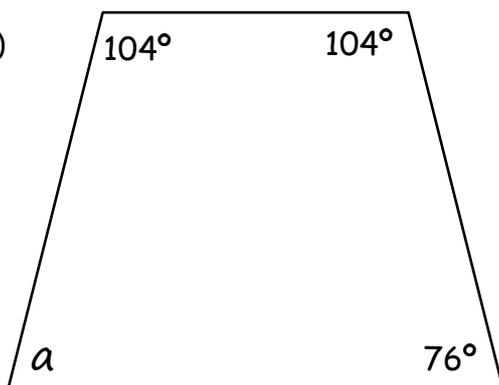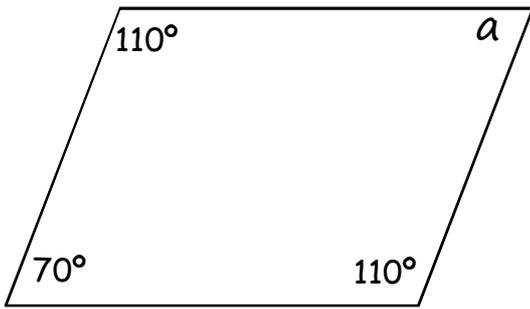Calculate the missing angles in each of the following quadrilaterals.

1)

90°	a

90°   90°

Angle a =

2)

a

44°   44°

136°

Angle a =

3)

104°   104°

a   76°

Angle a =

4)

110°

a

70°

110°

Angle a =

5)

a

118°

118°

47°

Angle a =

6)

90°

117°

90°

a
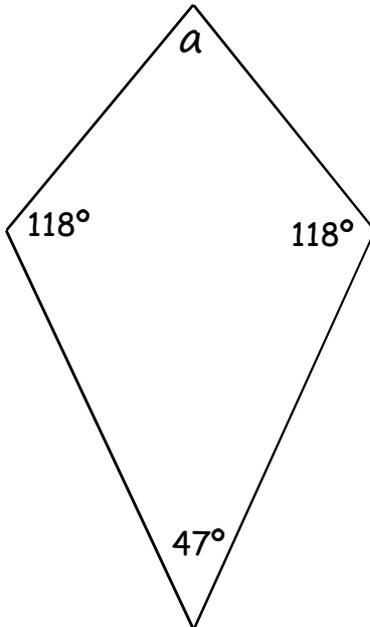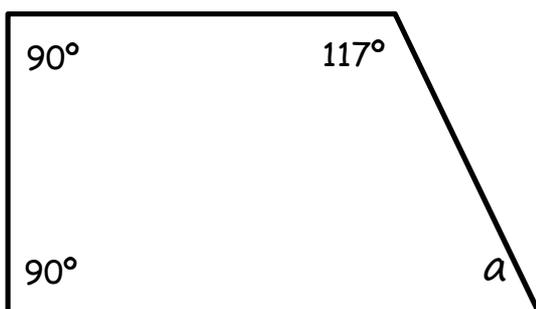
Angle a =

Answer Sheet.

1) $360° - 90° - 90° - 90° = 90°$
2) $360° - 136° - 44° - 44° = 136°$
3) $360° - 104° - 104° - 76° = 76°$
4) $360° - 110° - 110° - 70° = 70°$
5) $360° - 118° - 118° - 47° = 77°$
6) $360° - 117° - 90° - 90° = 63°$