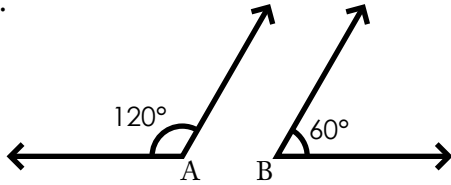


Name: _____

Supplementary Angles

When the measurements of two angles are added together and the sum equals 180° , they are called **supplementary angles**.

example:



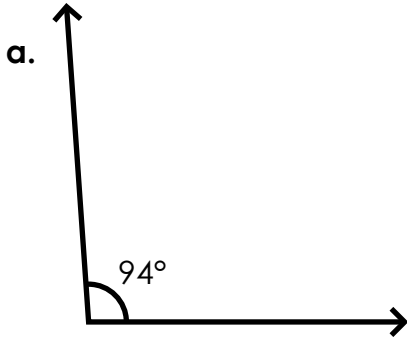
$$\angle A = 120^\circ$$

$$\angle B = 60^\circ$$

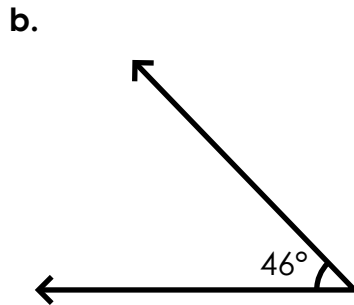
$$120^\circ + 60^\circ = 180^\circ$$

$\angle A$ and $\angle B$ are supplementary angles.

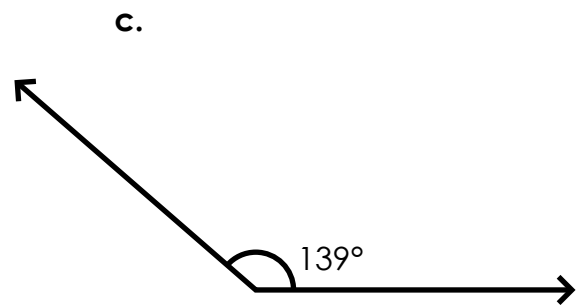
Find the supplement to each angle.



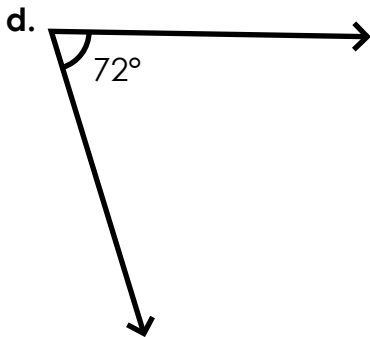
supplementary angle: _____



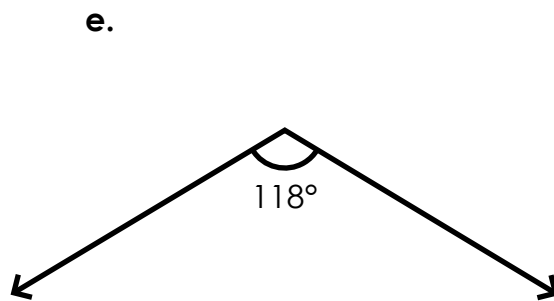
supplementary angle: _____



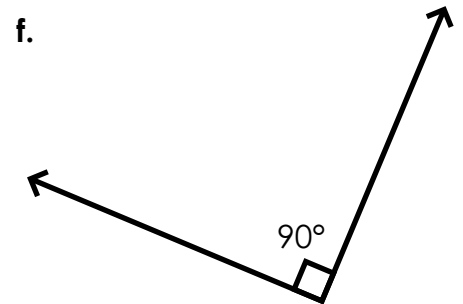
supplementary angle: _____



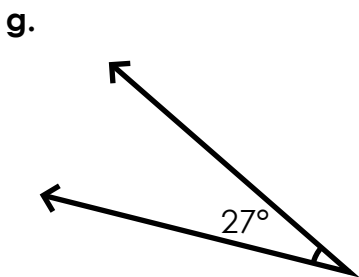
supplementary angle: _____



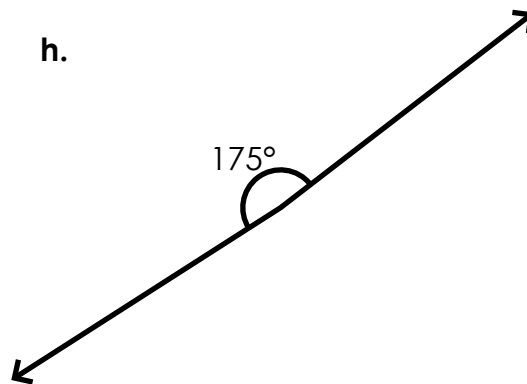
supplementary angle: _____



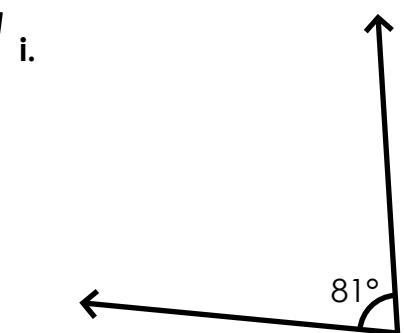
supplementary angle: _____



supplementary angle: _____



supplementary angle: _____



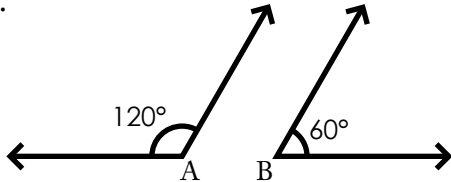
supplementary angle: _____

ANSWER KEY

Supplementary Angles

When the measurements of two angles are added together and the sum equals 180° , they are called **supplementary angles**.

example:



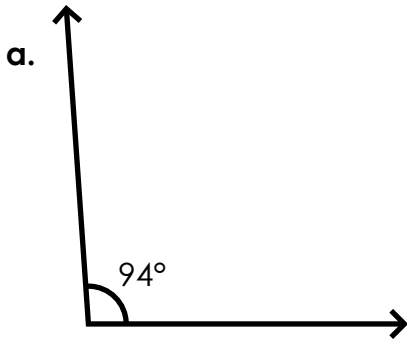
$$\angle A = 120^\circ$$

$$\angle B = 60^\circ$$

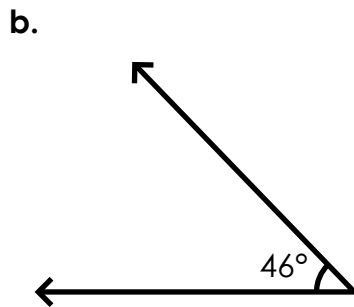
$$120^\circ + 60^\circ = 180^\circ$$

$\angle A$ and $\angle B$ are supplementary angles.

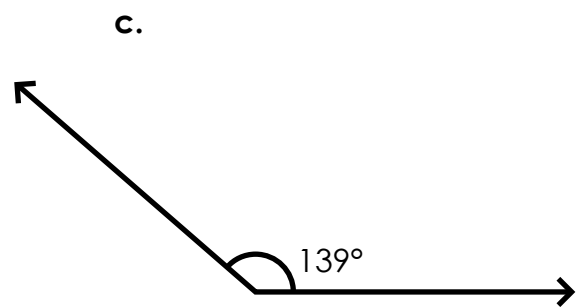
Find the supplement to each angle.



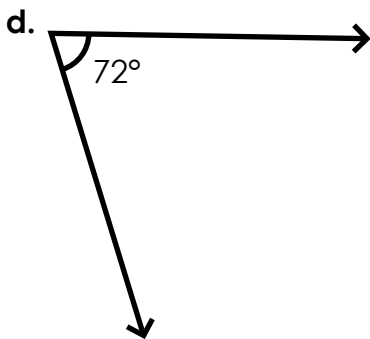
supplementary angle: 86°



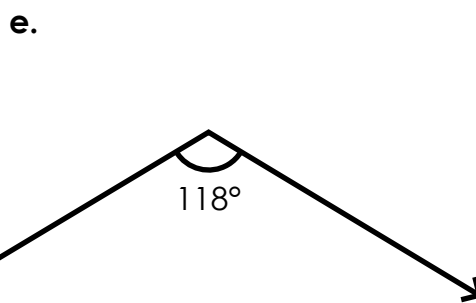
supplementary angle: 134°



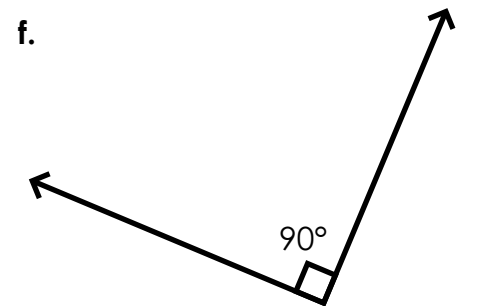
supplementary angle: 41°



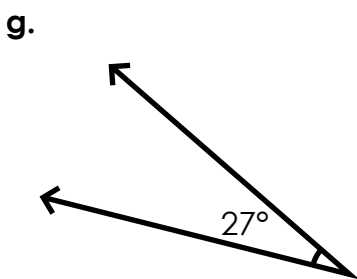
supplementary angle: 108°



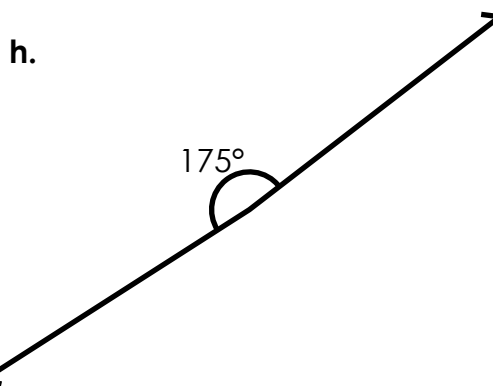
supplementary angle: 62°



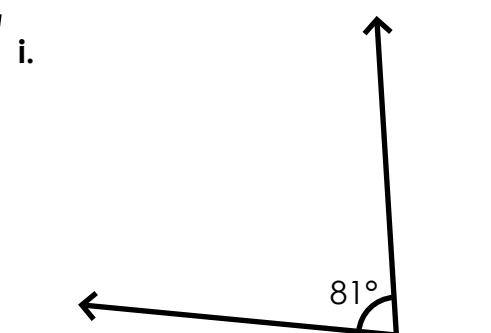
supplementary angle: 90°



supplementary angle: 153°



supplementary angle: 5°



supplementary angle: 99°