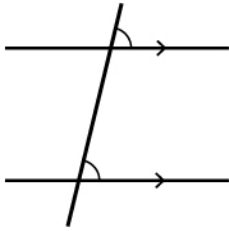


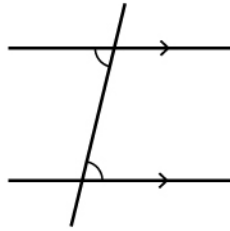
Name:

Angles in Parallel Lines

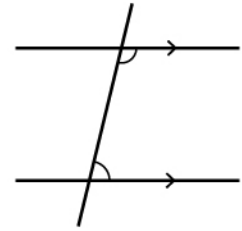
If two lines are parallel and cut by a transversal then the pair of:



Corresponding angles are equal

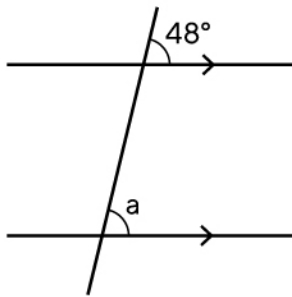


Alternate angles (either interior or exterior) are equal



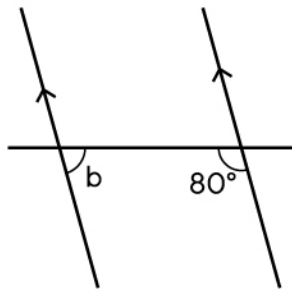
Co-interior angles add up to 180°

Find the missing angle and state the reason why it makes a pair with the given one.



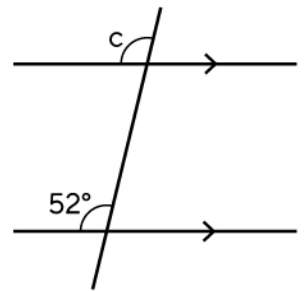
$\angle a$:

Reason:



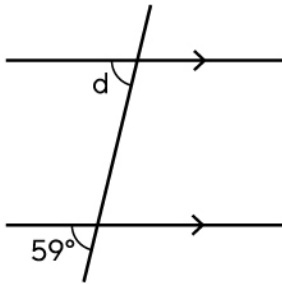
$\angle b$:

Reason:



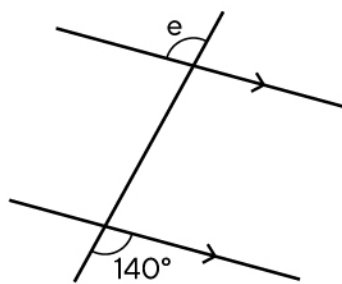
$\angle c$:

Reason:



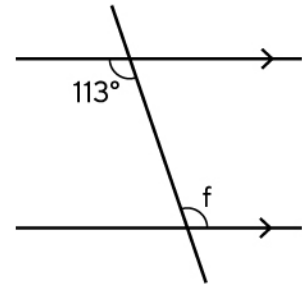
$\angle d$:

Reason:



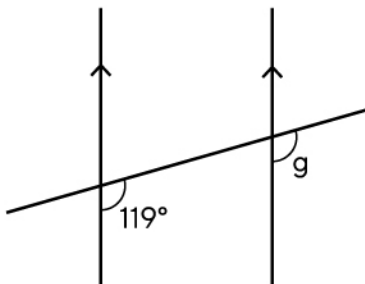
$\angle e$:

Reason:



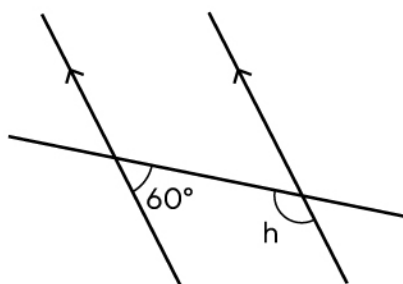
$\angle f$:

Reason:



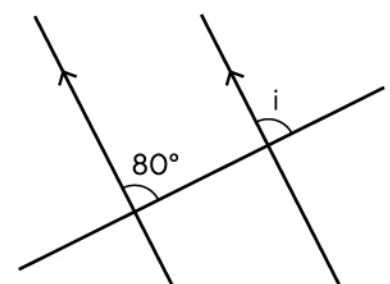
$\angle g$:

Reason:



$\angle h$:

Reason:



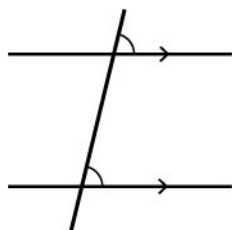
$\angle i$:

Reason:

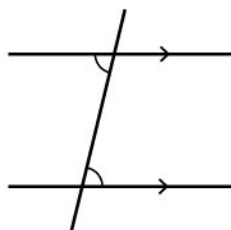
Angles in Parallel Lines

Answers

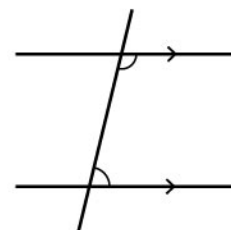
If two lines are parallel and cut by a transversal then the pair of:



Corresponding angles are equal

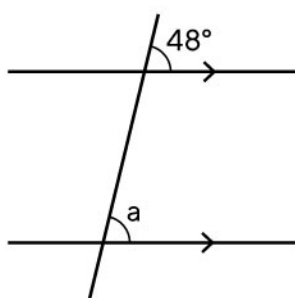


Alternate angles (either interior or exterior) are equal



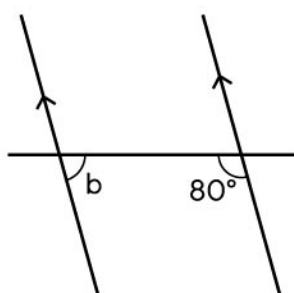
Co-interior angles add up to 180°

Find the missing angle and state the reason why it makes a pair with the given one.



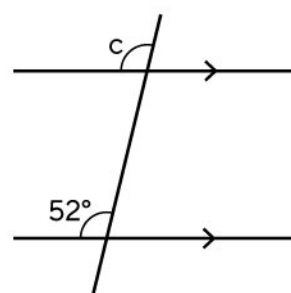
$\angle a$: 48°

Reason: Corresponding angles



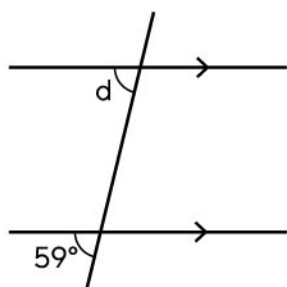
$\angle b$: 100°

Reason: Co-interior angles



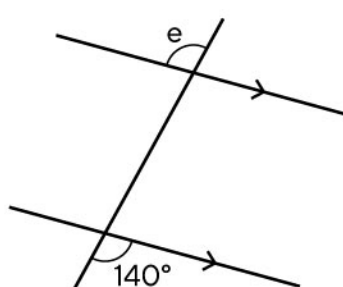
$\angle c$: 52°

Reason: Corresponding angles



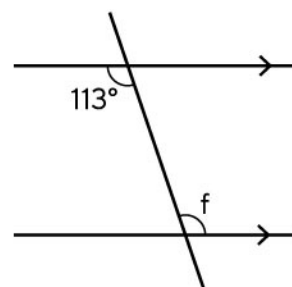
$\angle d$: 59°

Reason: Corresponding angles



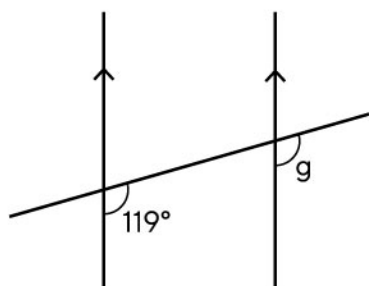
$\angle e$: 140°

Reason: Alternate exterior angles



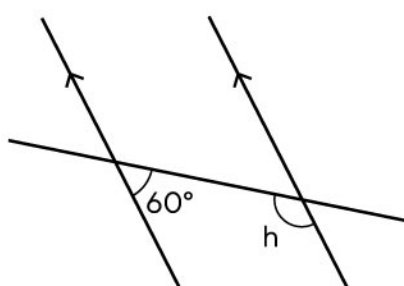
$\angle f$: 113°

Reason: Alternate interior angles



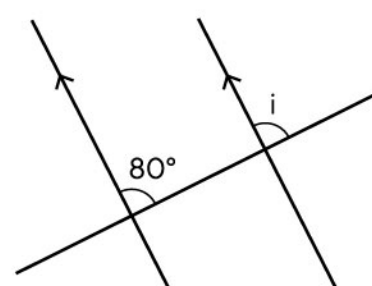
$\angle g$: 119°

Reason: Corresponding angles



$\angle h$: 120°

Reason: Co-interior angles



$\angle i$: 80°

Reason: Corresponding angles