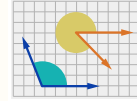
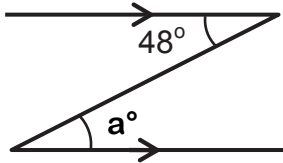


Angles on Parallel Lines (A)

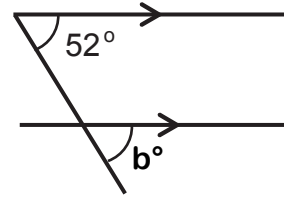
ANSWERS



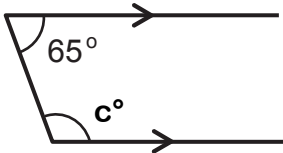
Section A State the missing angle and give a reason for your answer.



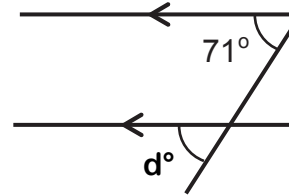
Angle a:	Reason:
48°	Alternate angle



Angle b:	Reason:
52°	Corresponding angle

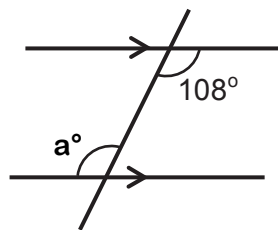


Angle c:	Reason:
115°	Interior angle

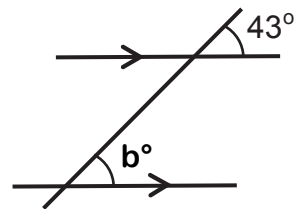


Angle d:	Reason:
71°	Corresponding angle

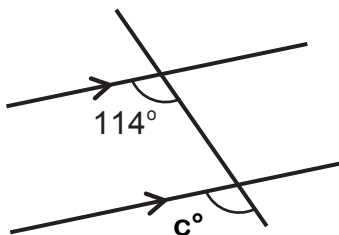
Section B Calculate the missing angle and give a reason for your answer.



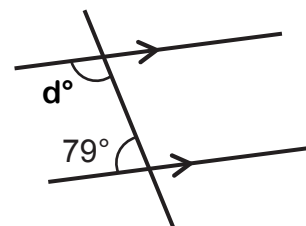
Angle a:	Reason:
108°	Alternate angle



Angle b:	Reason:
43°	Corresponding angle



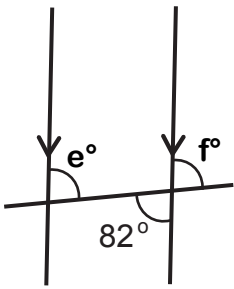
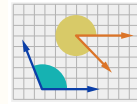
Angle c:	Reason:
114°	Corresponding angle



Angle d:	Reason:
101°	Interior angle

Angles on Parallel Lines (A)

ANSWERS

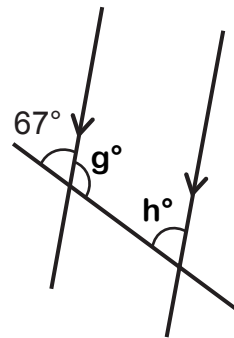


Angle e: **82°**

Reason: **Alternate angle**

Angle f: **82°**

Reason: **Corresponding angle**

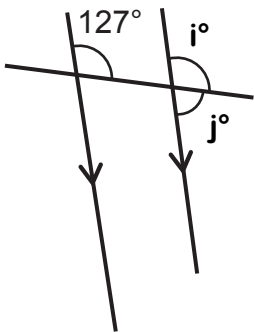


Angle g: **113°**

Reason: **Interior angle**

Angle h: **67°**

Reason: **Corresponding angle**

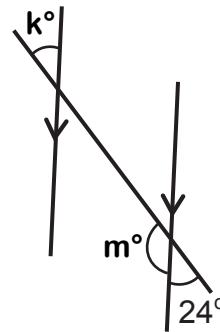


Angle i: **127°**

Reason: **Corresponding angle**

Angle j: **53°**

Reason: **Angles on straight line = 180°**

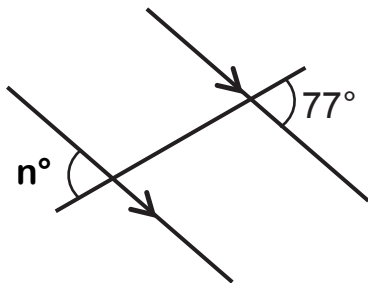


Angle k: **24°**

Reason: **Angle on straight line then corresponding**

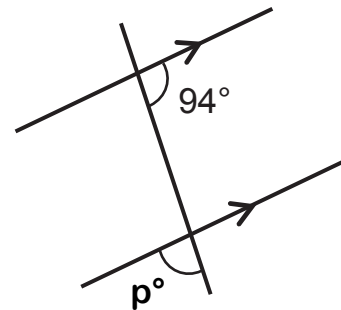
Angle m: **156°**

Reason: **Angles on straight line = 180°**



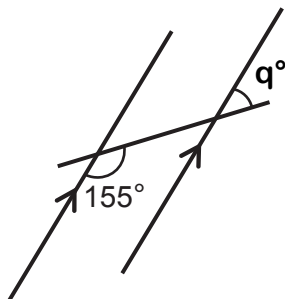
Angle n: **77°**

Reason: **Corresponding angle then opposite angle**



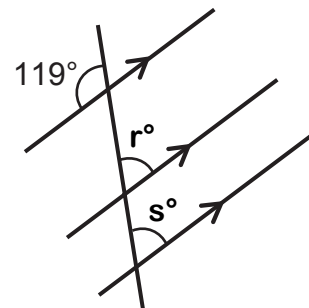
Angle p: **86°**

Reason: **Corresponding angle then angle on a straight line**



Angle q: **25°**

Reason: **Alternate angle then angle on a straight line**



Angle r & s: **61°**

Reason: **Angle on straight line then alternate angle to q and corresponding angle to r**