

# Angles in parallel lines with two transversals

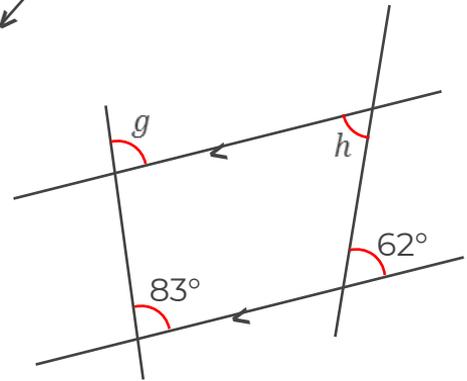
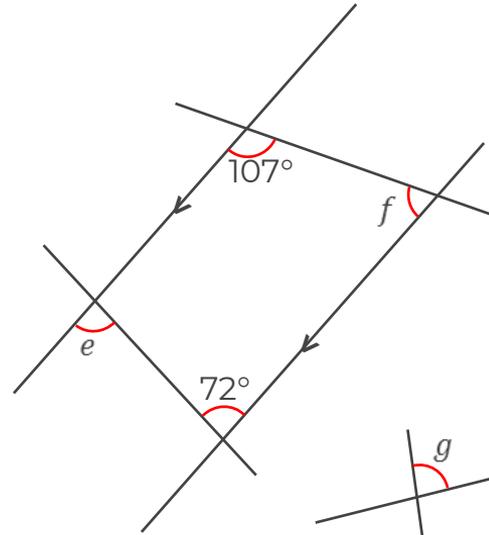
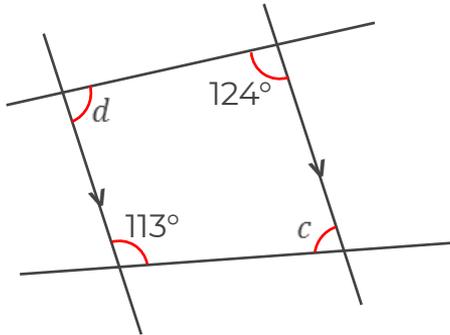
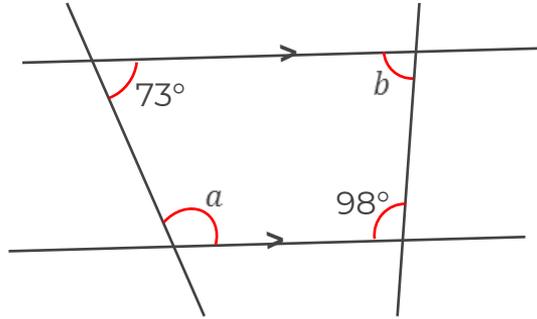
Maths

Mr Clasper



# Angles in parallel lines with two transversals

1. Calculate the size of each missing angle.

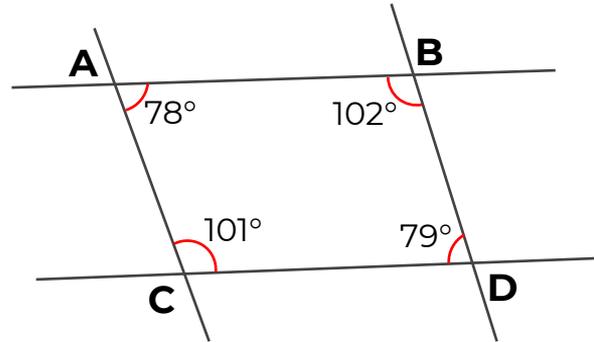


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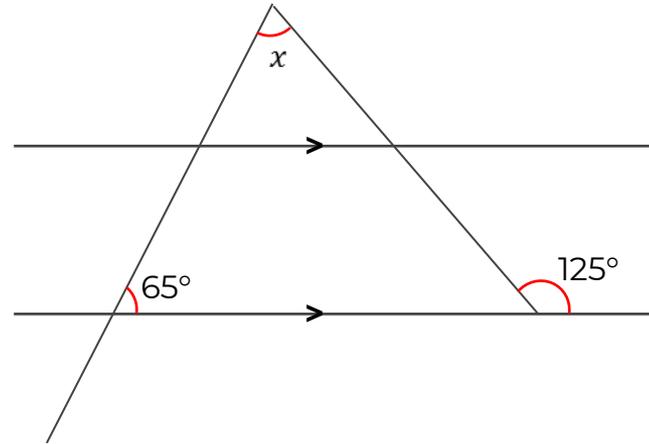
2. ABCD has one pair of parallel sides.

Which two sides are parallel?

Explain your reasoning.



3. Calculate the size of angle  $x$ .

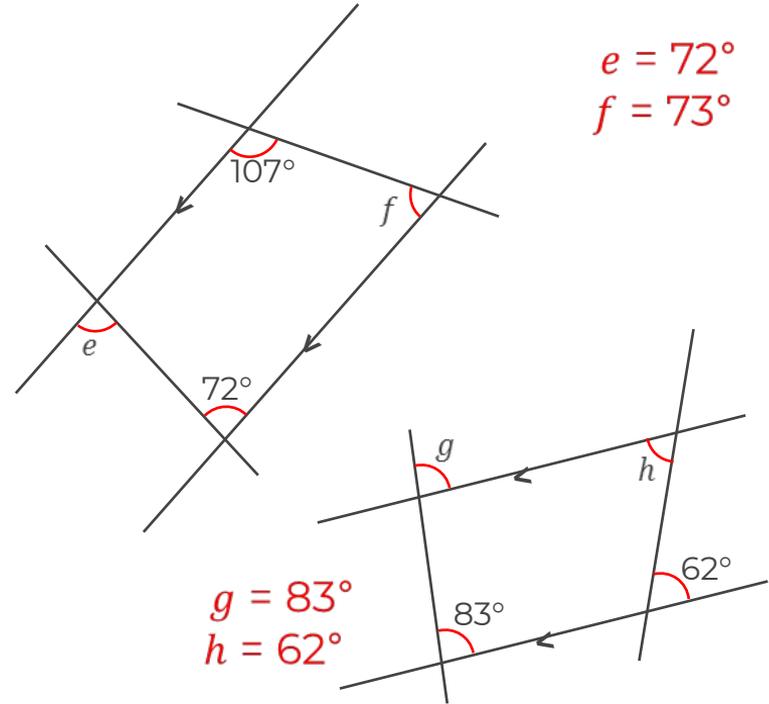
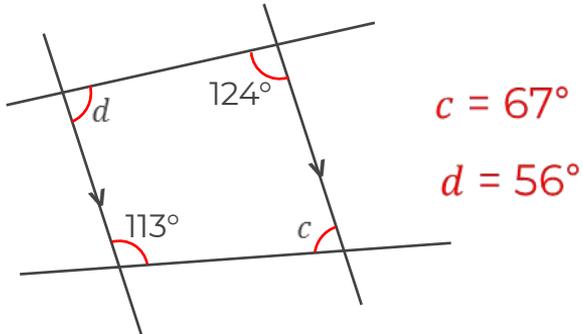
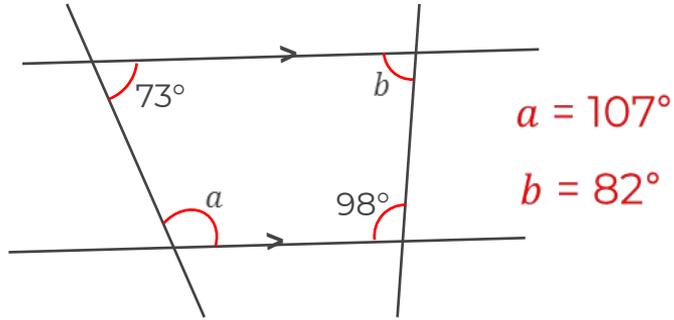


# Answers



# Angles in parallel lines with two transversals

1. Calculate the size of each missing angle.



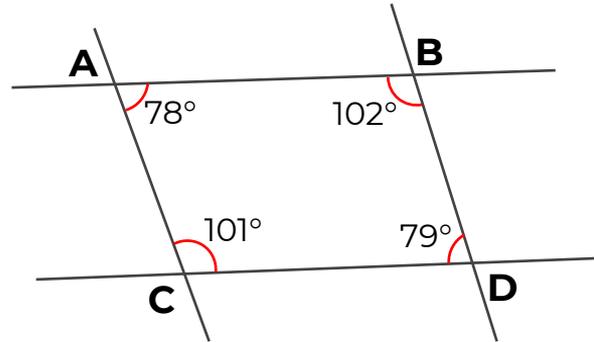
# Angles in parallel lines with two transversals

2. ABCD has one pair of parallel sides.

Which two sides are parallel?

Explain your reasoning.

AC is parallel to BD



The angles on each transversal through AC and BD have a sum of  $180^\circ$

3. Calculate the size of angle  $x$ .

