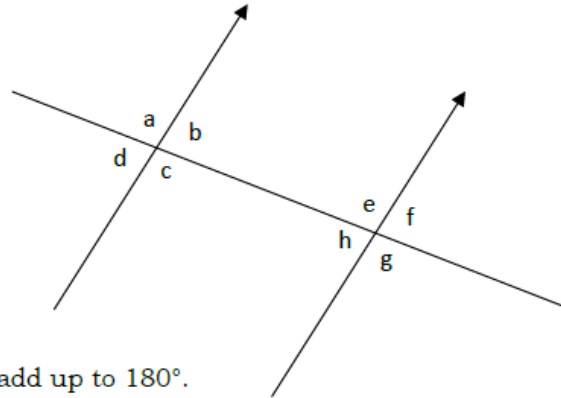


Parallel Lines and Angles Set 4 (without Answers)

Corresponding, Alternate & Interior Angles

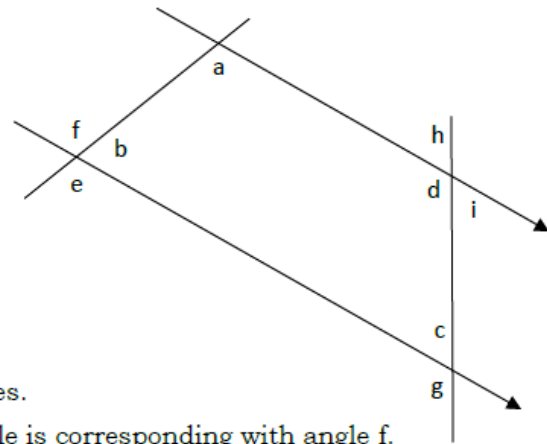
1. Answer using letters from the diagram:

- Which angle is vertically opposite to angle b?
- Which angle is corresponding to angle b?
- Which angle is alternate to angle b?
- Angles g and _____ are corresponding angles.
- Angles c and _____ are alternate angles.
- Angles e and _____ are interior angles and add up to 180° .



2. Answer using letters from the diagram:

- Which angle is corresponding to angle h?
- Which angle is corresponding to angle a?
- Find another pair of corresponding angles.
- Which angle is alternate to angle f?
- Find another pair of alternate angles.
- Find two pairs of interior angles.
- Angles f and _____ are vertically opposite angles.
- Place letter m on the diagram so that this angle is corresponding with angle f.
- Place letter n on the diagram so that this angle is alternate with angle b.
- Place letter p on the diagram so that this angle forms interior angles with angle i.



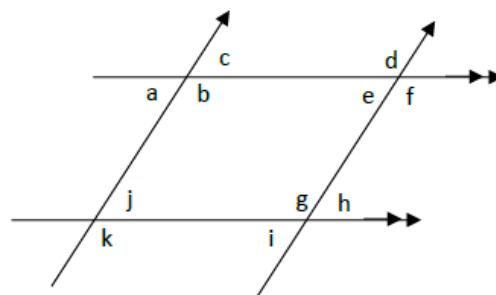
3. Describe each pair of angles by choosing the appropriate theorem:

Interior angles

Corresponding angles

Alternate angles

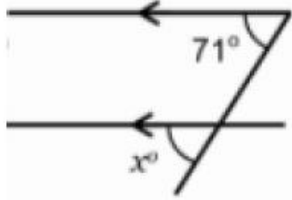
- Angles a and j
- Angles b and e
- Angles f and g
- Angles d and g
- Angles g and k
- Angles i and e
- Angles c and d
- Angles h and f



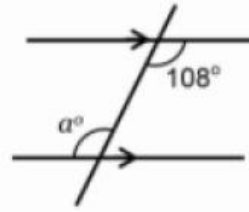
Parallel Lines and Angles Set 4 (without Answers)

Work out the missing angles, giving reasons for your answers.

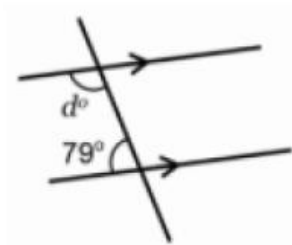
4.



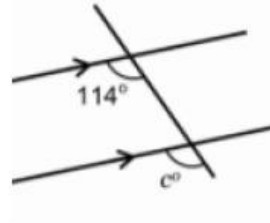
5.



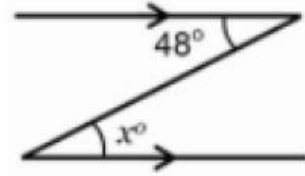
6.



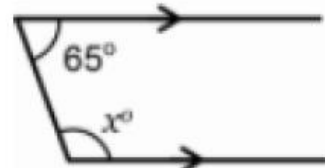
7.



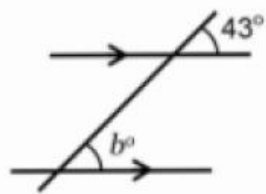
8.



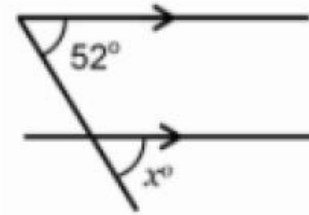
9.



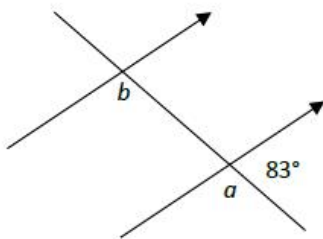
10.



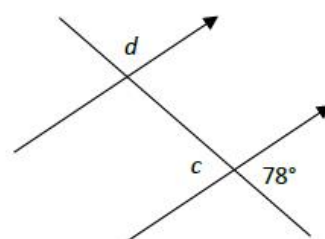
11.



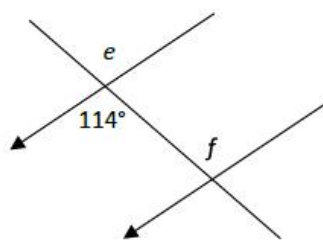
12.



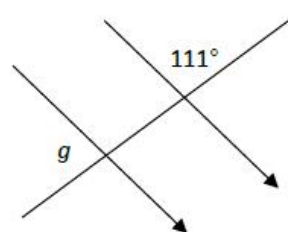
13.



14.

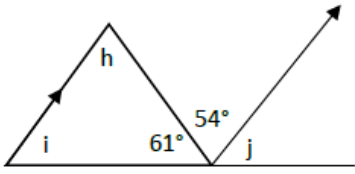


15.

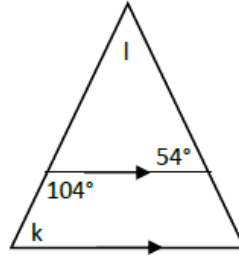


Parallel Lines and Angles Set 4 (without Answers)

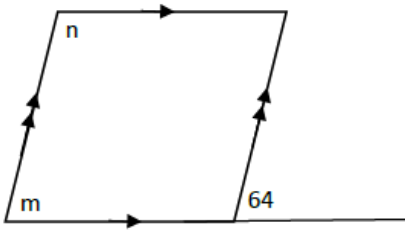
16.



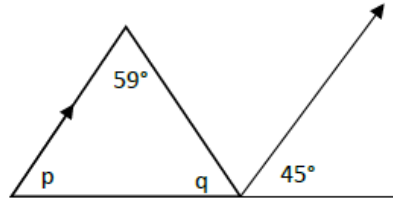
17.



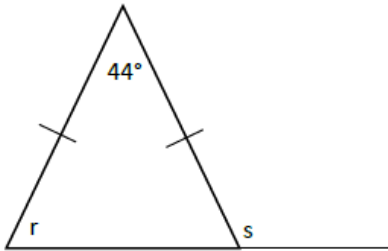
18.



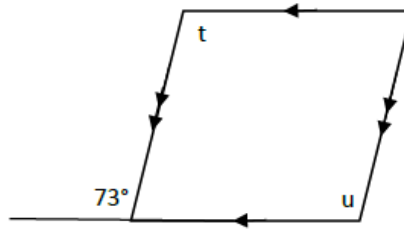
19.



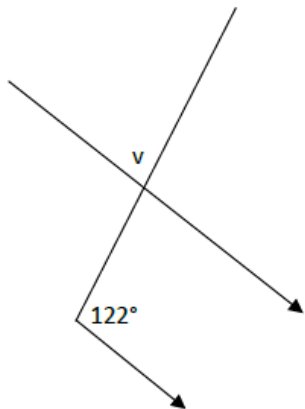
20.



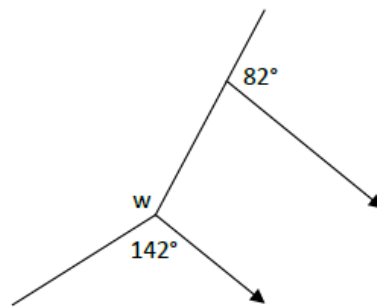
21.



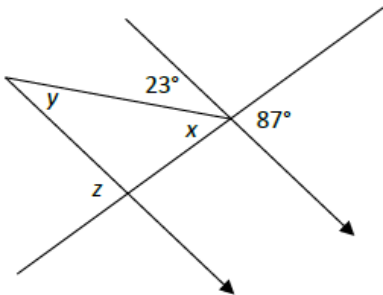
22.



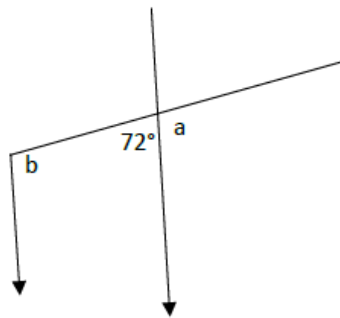
23.



24.



25.

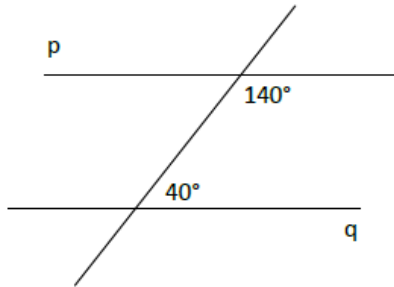


Parallel Lines and Angles Set 4 (without Answers)

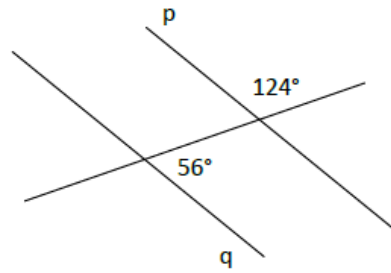
Proving Parallel Lines

Prove whether lines p and q are parallel or not. Give reasons for your answers.

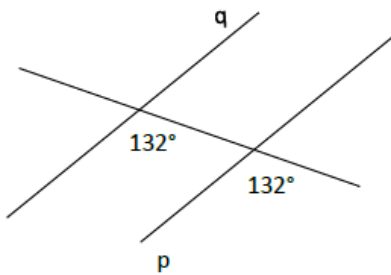
1.



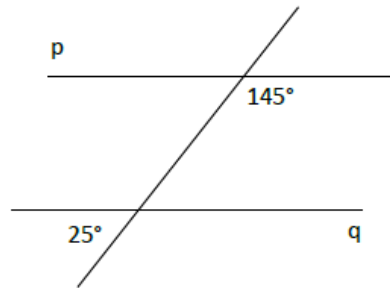
2.



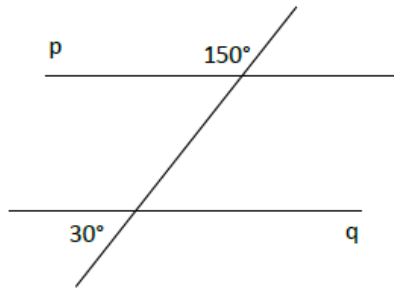
3.



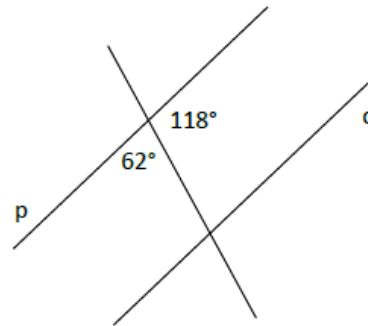
4.



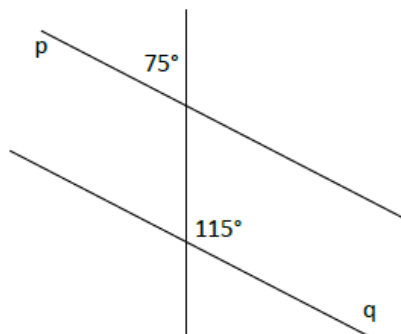
5.



6.



7.



8.

