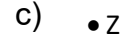
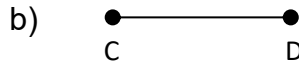
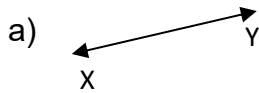
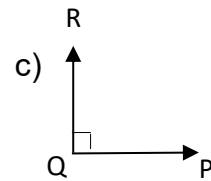
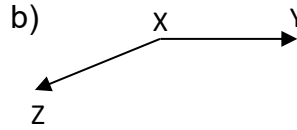
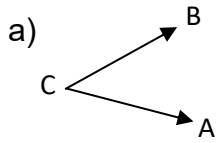


EXERCISE 18.1 CONVENTIONS IN GEOMETRY

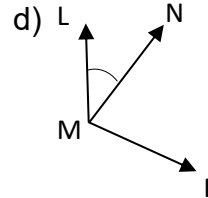
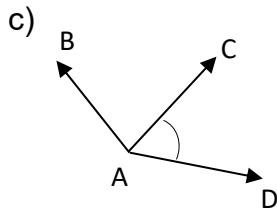
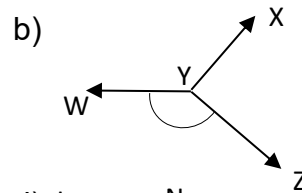
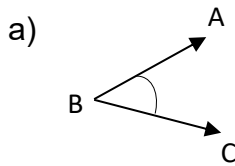
1. Name and label the following objects, using correct notation:



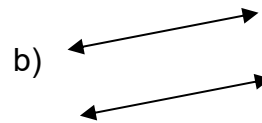
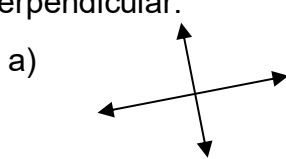
2. State the vertex in the following angles:



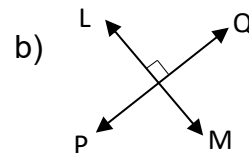
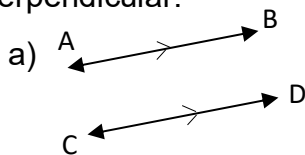
3. Use correct three letters notation to name the highlighted angles:



4. Use correct notation on the diagram to show that the lines are parallel or perpendicular.



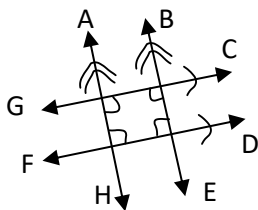
5. Complete the sentences to state whether the following lines are parallel or perpendicular.



AB CD

LM PQ

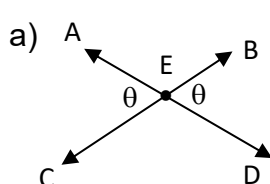
6. Find a pair of parallel lines and a pair of perpendicular lines in the following diagram and write a statement about each.



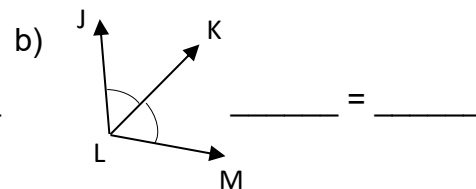
Parallel Lines:

Perpendicular Lines:

7. Complete the sentences to state that the highlighted angles are equal.



_____ = _____

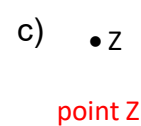
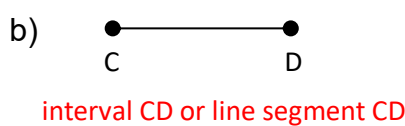
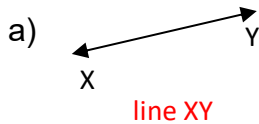


_____ = _____

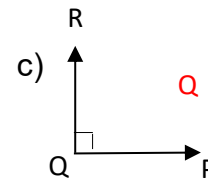
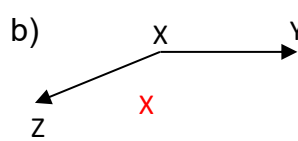
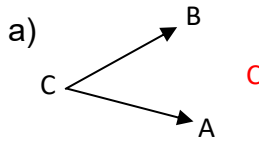
EXERCISE 18.1 CONVENTIONS IN GEOMETRY

ANSWERS

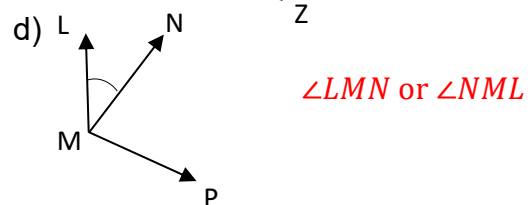
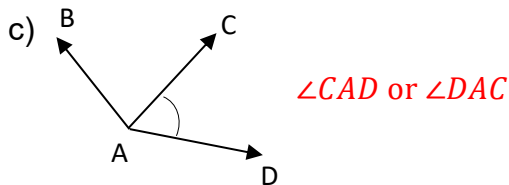
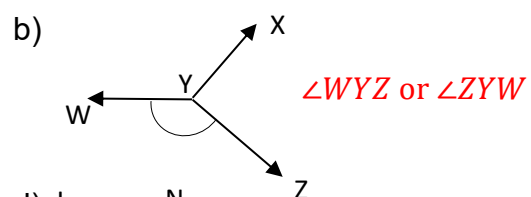
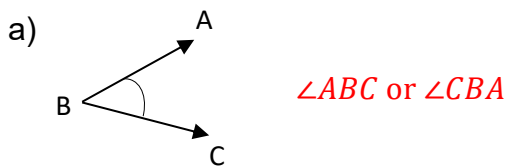
1. Name and label the following objects, using correct notation:



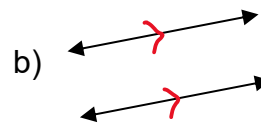
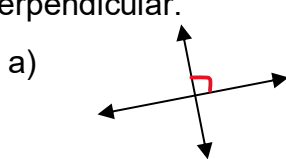
2. State the vertex in the following angles:



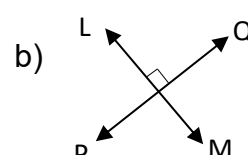
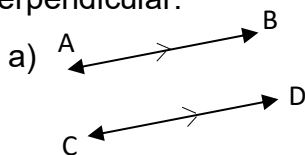
3. Use correct three letters notation to name the highlighted angles:



4. Use correct notation on the diagram to show that the lines are parallel or perpendicular.



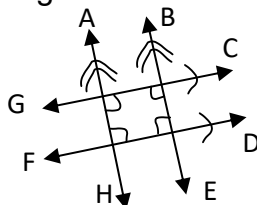
5. Complete the sentences to state whether the following lines are parallel or perpendicular.



AB \parallel CD

LM \perp PQ

6. Find a pair of parallel lines and a pair of perpendicular lines in the following diagram and write a statement about each.



Parallel Lines: $AH \parallel BE$ (other answers possible)

Perpendicular Lines: $AH \perp GC$

other answers possible

7. Complete the sentences to state that the highlighted angles are equal.

