

Homework

Exercise 14(B)

- i) ~~inter~~ $\angle 3$ and $\angle 6 \Rightarrow$ alternate interior angles.
- ii) $\angle 2$ and $\angle 4 \Rightarrow$ ~~adjacent~~ adjacent angles.
- iii) $\angle 3$ and $\angle 7 \Rightarrow$ corresponding angles.
- iv) $\angle 2$ and $\angle 7 \Rightarrow$ alternate exterior angles.
- v) $\angle 4$ and $\angle 6 \Rightarrow$ allied angles.
- vi) $\angle 1$ and $\angle 8 \Rightarrow$ alternate exterior angles.
- vii) $\angle 1$ and $\angle 5 \Rightarrow$ corresponding angles.
- viii) $\angle 1$ and $\angle 4 \Rightarrow$ vertically opposite angles.
- ix) $\angle 5$ and $\angle 7 \Rightarrow$ adjacent angles.

- 9(i) $\angle 1$ and $\angle 4 \Rightarrow$ Vertically opposite angle.
- (ii) $\angle 4$ and $\angle 7 \Rightarrow$ Alternate interior angle.
- (iii) $\angle 10$ and $\angle 12 \Rightarrow$ Vertically opposite angle.
- (iv) $\angle 7$ and $\angle 13 \Rightarrow$ Corresponding angle.
- (v) $\angle 6$ and $\angle 8 \Rightarrow$ Vertically opposite angle.
- (vi) $\angle 11$ and $\angle 8 \Rightarrow$ Co-interior angle.
- (vii) $\angle 7$ and $\angle 9 \Rightarrow$ Vertically opposite
- (viii) $\angle 4$ and $\angle 5 \Rightarrow$ Adjacent angles.
- (ix) $\angle 4$ and $\angle 6 \Rightarrow$ Co-interior angles.
- (x) $\angle 6$ and $\angle 7 \Rightarrow$ Adjacent angles.
- (xi) $\angle 2$ and $\angle 13 \Rightarrow$ Co-interior angle.

3i)
ii)

3i) $a = c = b.$

ii) $x = y = l = n = \dots$
 $k = m = q$