

Understanding shapes-III special types of quadrilaterals Ex 17.1 Q3 **Answer:**

- (i)No. This is because the opposite angles are not equal.
- (ii)Yes. This is because the opposite sides are equal.
- (ii)No, This is because the diagonals do not bisect each other.

Understanding shapes-III special types of quadrilaterals Ex 17.1 Q4 **Answer**:

Understanding shapes-III special types of quadrilaterals Ex 17.1 Q5 **Answer:**

(i)

Opposite sides are equal in a parallelogram.

$$3y - 1 = 26$$

$$3y = 27$$

$$y = 9$$

Similarly, 3x = 18

$$\mathbf{x} = 6$$

(ii)

Diagonals bisect each other in a parallelogram.

$$y - 7 = 20$$

$$y = 27$$

$$x-y=16$$

$$x - 27 = 16$$

$$x = 43$$

********* END *******