



Understanding shapes-III special types of quadrilaterals Ex 17.3 Q1

Answer :

- (i) True
- (ii) False
- (iii) True
- (iv) True
- (v) False
- (vi) False

The diagonals are not perpendicular to each other.

- (vii) True
- (viii) False

The diagonals are not perpendicular to each other.

- (ix) False
- All sides are not equal.
- (x) True
- (xi) True
- (xii) False

All squares are parallelogram.

Understanding shapes-III special types of quadrilaterals Ex 17.3 Q2

Answer :

- (i) True
- (ii) True
- (iii) True
- (iv) False

This is because the hypotenuse in any right angle triangle is always greater than its two sides.

Understanding shapes-III special types of quadrilaterals Ex 17.3 Q3

Answer :

- (i) A rectangle is a parallelogram in which each angle is a right angle.
- (ii) A square is a rhombus in which each angle is a right angle.
- (iii) A square is a rectangle in which the adjacent sides are equal.

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