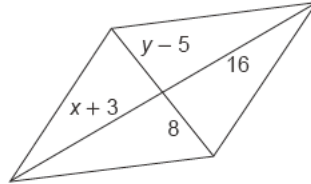
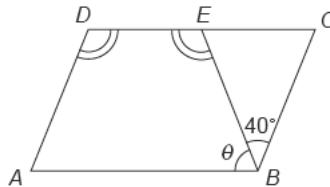


Quadrilaterals

2. In the parallelogram below, find the values of x and y .

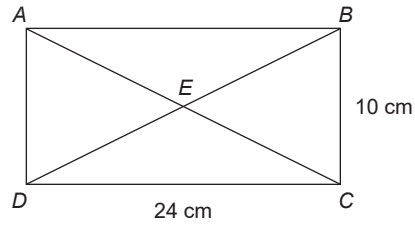


- A. $x = 5, y = 21$
 B. $x = 8, y = 16$
 C. $x = 13, y = 13$
 D. $x = 16, y = 8$
3. Which of the following reasons CANNOT prove for parallelogram?
- A. Opposite angles equal
 B. A pair of sides equal and parallel
 C. Diagonals bisect each other
 D. Diagonals are perpendicular
4. $ABCD$ is a parallelogram, $\theta =$



- A. 50°
 B. 60°
 C. 70°
 D. 80°

5. E is the intersection point of two diagonals AC and BD of a rectangle $ABCD$. $AE =$



- A. 12 cm
 - B. 13 cm
 - C. 16 cm
 - D. 17 cm
6. Which of the following is a kind of parallelogram?
- A. Rhombus
 - B. Kite
 - C. Trapezium
 - D. Pentagon