CONSTRUCTION GEOMETRY 7: DRAWING QUADRILATERALS

1.   Draw a square with sides of 4 cm.

2.   Draw a rhombus ABCD with sides of 3.5 cm and ∠A = 50°.
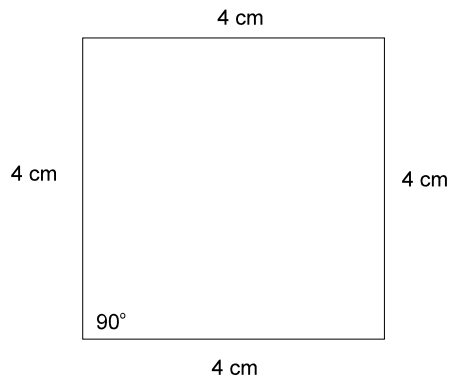
3.   Draw a rectangle with sides of 2.5 cm and 6.5 cm.

4. Draw a parallelogram MNOP where $\overline{MN}$ = 4 cm, $\angle$O = 65° and $\overline{MP}$ = 5 cm.

5. Draw a trapezoid WXYZ where $\overline{WX}$ = 5 cm, $\angle$W = 80°, $\angle$X = 60° and $\overline{WZ}$ = 3 cm.

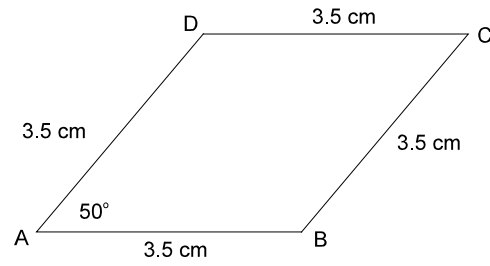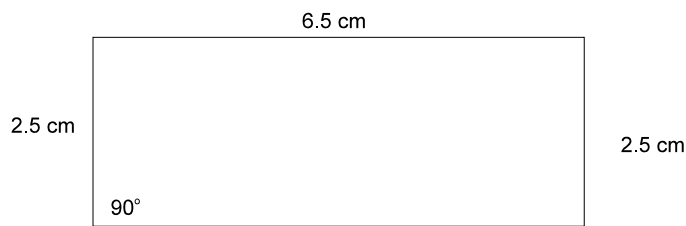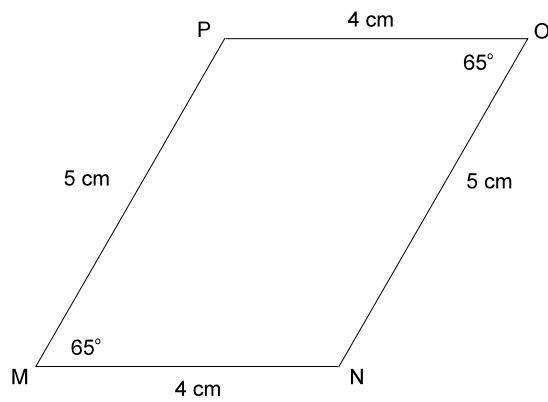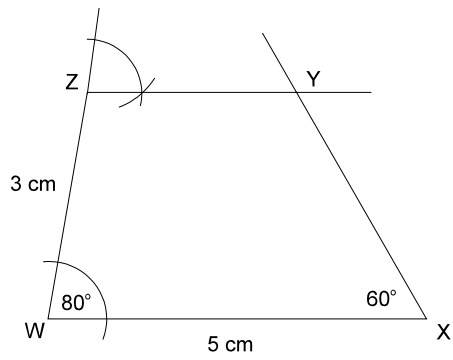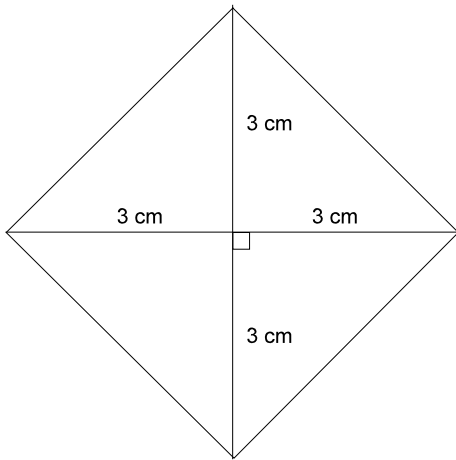6. Draw a square with 6 cm diagonals.

ANSWER KEY

1.

4 cm

4 cm   4 cm

90°

4 cm

2.

D   3.5 cm   C

3.5 cm   3.5 cm

50°

A   3.5 cm   B

3.

6.5 cm

2.5 cm   2.5 cm

90°

4.

P   4 cm   O

65°

5 cm   5 cm

65°

M   4 cm   N

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5.

6.