

## DEPARTMENT OF MATHEMATICS

### GRADES 4 TO 12

TERM-1, ACADEMIC YEAR 2017 – 18

Worksheet No.1		Topic		Find Unknown Angles	
Grade		Section		Date	
Student Name					

1) Find the measure of the unknown angle.

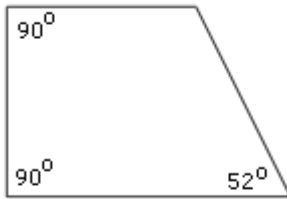
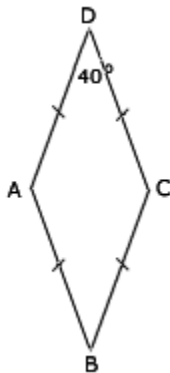


Figure is not drawn to scale

- 125°
- 232°
- 128°
- 50°

2) ABCD is a rhombus. If  $\angle ADC = 40^\circ$ , then find  $\angle ABC$ .



- 120°
- 40°
- 50°
- 140°

3) Which of the following is correct in a parallelogram?

- a.  Opposite angles are complementary
- b.  Adjacent angles are complementary
- c.  Adjacent angles are supplementary
- d.  Opposite angles are not congruent

4) ACF is an equilateral triangle and BDEG is a trapezium.  $\angle DBG = 75^\circ$  and  $\angle BGE = 80^\circ$ . Find  $\angle CBD$  and  $\angle EGF$ .

