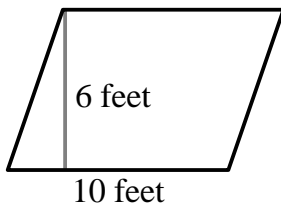# Areas of Parallelograms

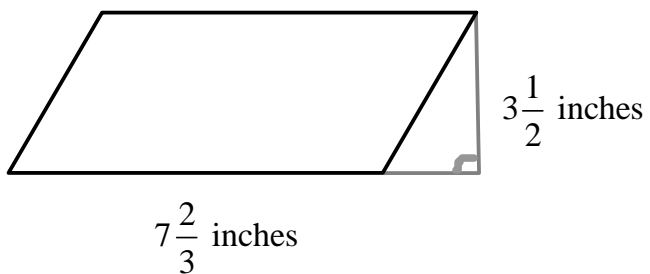$$\text{Area} = b \cdot h$$

Directions: Find the area of each parallelogram.
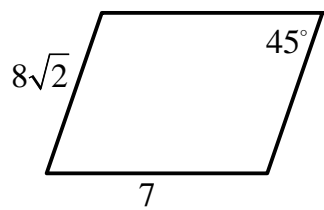
1.

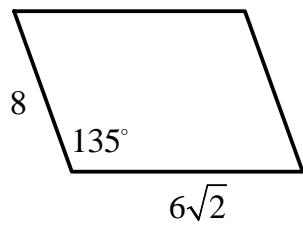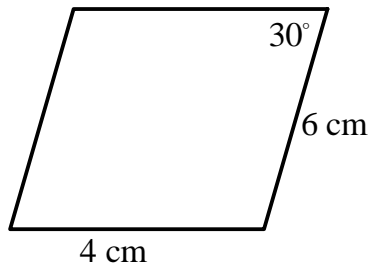6 feet
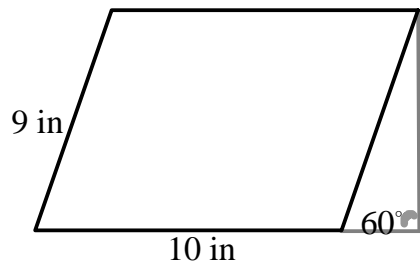
10 feet

2.

$3\frac{1}{2}$ inches

$7\frac{2}{3}$ inches

3.

$8\sqrt{2}$

45°

7

4.

8

135°

$6\sqrt{2}$

5.

30°

6 cm

4 cm

6.

9 in

10 in

60°

7. The area of □*ABCD* is 18 square units. If $CX = 3,$ find the length of $\overline{BD}$.