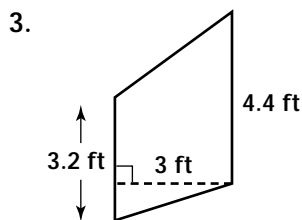
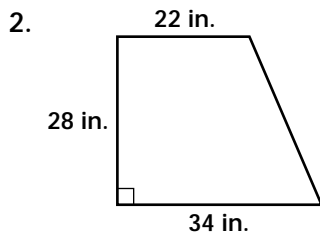
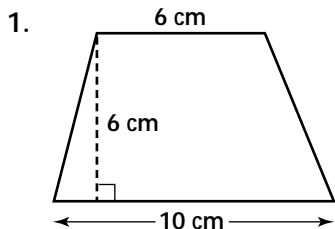


Practice 5-5

Example Exercises

Example 1

Find the area of each trapezoid.



Find the area of each trapezoid given the height h and the bases b_1 and b_2 .

4. $h = 7$ ft
 $b_1 = 4$ ft
 $b_2 = 5$ ft

5. $h = 24$ in.
 $b_1 = 16$ in.
 $b_2 = 12$ in.

6. $h = 12$ cm
 $b_1 = 8$ cm
 $b_2 = 17$ cm

7. $h = 3$ m
 $b_1 = 2$ m
 $b_2 = 2$ m

8. $h = 8$ yd
 $b_1 = 8$ yd
 $b_2 = 6$ yd

9. $h = 1$ cm
 $b_1 = 3$ cm
 $b_2 = 2$ cm

Example 2

Find the area of each trapezoid. Leave your answer in simplest radical form.

