

## Area of a Trapezoid

1. A trapezoid has one base of 15 feet and the second base of 21 feet. Its height is 16 feet. What is the area?

- a. 290 sq. ft.
- b. 288 sq. ft.
- c. 300 sq. ft.
- d. 288 ft.

2. What is the area of a trapezoid with bases of 17.5 inches and 18.4 inches, and a height of 19 inches?

- a. 341.05 sq. in.
- b. 341 sq. in.
- c. 340 sq. in.
- d. 342 sq. in.

3. A section of the football field is in need of new sod. This section is in the shape of a trapezoid. The first base is 23 feet, and the second base is 24 feet. The height of the area is 21 feet. What is the area that needs to be covered?

- a. 493 sq. ft.
- b. 493.4 sq. ft.
- c. 493.5 sq. ft.
- d. 494 sq. ft.