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Home Improvement & Repairs
Job Description: Manage individuals who market, sell, and support products that are currently on market (the problem is submitted as a homeowner).
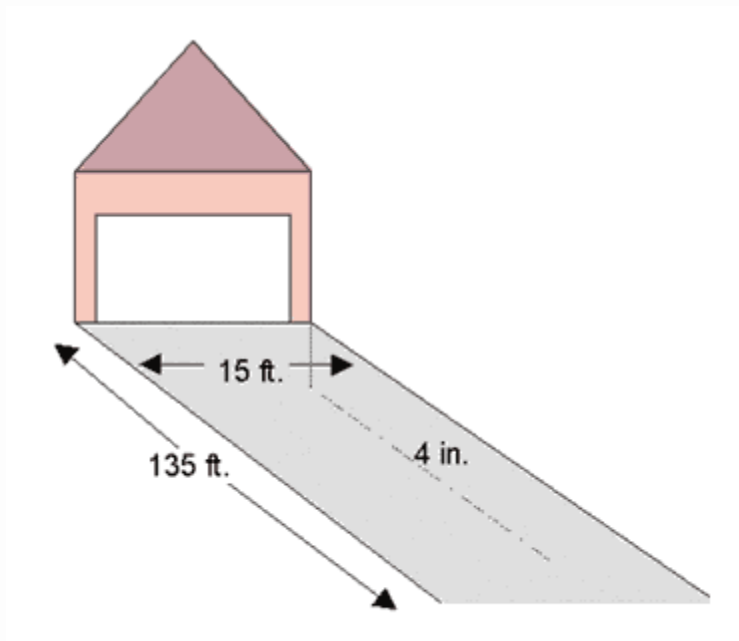
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A man needs to make a cement driveway from his garage to the street—a distance of 135 feet. The driveway needs to be 4 inches thick. Cement costs $55/cubic yard with a 15% discount for cash.

How many cubic yards of cement will he need for a driveway with a width of 15 feet?

How much will he pay if he uses cash?

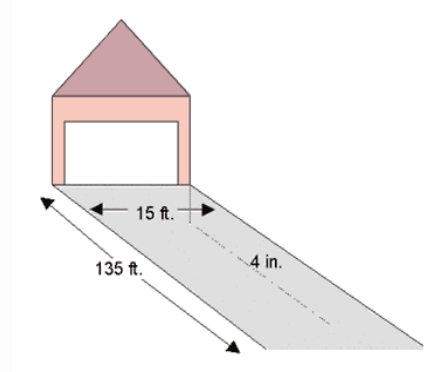## Measurements/Geometry: Handyman – Concrete
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Solution:

1 cubic yard = 27 cubic feet   4 inches = 4/12 foot

Volume of driveway: 135 ft. x 15 ft. x 4/12 ft. = 675 cu. ft.

675 cu. ft. ÷ 27 cu. ft.= 25 cu. yd.

25 cu.yds. x $55/cu. yd. = $1,375

If bill is paid in cash, take 15% of $1,375. Deduct $206.25 from the cost and customer.