

Measurements: Homemaker – Redecorate

Elizabeth Crandlemire

Job Description: Handyman, carpenter, plumber, seamstress, cook, maintenance, engineer, mother, etc.

Problem:

I want to wallpaper a 10' x 12' room that has 8' ceilings. The wallpaper has 44 sq. ft. per double roll.

How many double rolls of wallpaper do I need to order? (Wallpaper is not available in single rolls.)

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Solution:

Width x Height ÷ square footage = # of double rolls needed

44 ft x 8 feet ÷ 44 sq ft/roll = 8 rolls

...OR add the area of each wall

[2 (10 x 8) + 2 (12 x 8)] = 352 square feet

352 sq ft ÷ 44 sq ft/roll = 8 double rolls