

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.)

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.)

Solution:

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

$44 \text{ ft} \times 8 \text{ feet} \div 44 \text{ sq ft/roll} = 8 \text{ rolls}$

...OR add the area of each wall

$[2 (10 \times 8) + 2 (12 \times 8)] = 352 \text{ square feet}$

$352 \text{ sq ft} \div 44 \text{ sq ft/roll} = 8 \text{ double rolls}$