

Scenario KEY

Scale Drawing: 3 3/4" X 5 3/4"

Comparison Chart:

Calculating wall coverings:

Measure length of each wall including doors and windows. If painting or papering an entire room, add all wall measurements to get circumference. To find total square feet of wall(s) multiply ceiling height by wall length or room circumference.

Wallpaper rolls come in various lengths and widths. The most common is the European/Metric roll at 20 1/2" wide by 16 1/2 feet per single roll. Wall coverings are packaged in double rolls (two continuous rolls) which provide more usable square footage. To accurately determine the usable square footage yield of your wall covering selection find the pattern repeat on the back of the sample book page or measuring the repeat on an opened roll if a bin stock selection. Look at the Usable Yield Chart on the right (usable yield is for a single roll). (For example: If your wall covering has a pattern repeat length of 13" to 18" you can expect a usable yield of approximately 20 square feet per single roll.)

Repeat Length	Usable Yield
0" to 6"	25 sq. ft.
7" to 12"	22 sq. ft.
13" to 18"	20 sq. ft.
19" to 23"	18 sq. ft.

The amount of paint you need depends on how many coats will be needed to cover the wall and how porous the wall surface is. In general, one gallon of paint covers 400 sq. ft. of wall with one coat.

Wall Coverings

Number of double rolls of wallpaper needed: **16 double rolls**

Number of gallons of paint needed: **4 gallons**

	COST	ADVANTAGES	DISADVANTAGES
Wall covering A description Answer will vary	(16 X Cost per double roll)	Answer will vary	Answer will vary
Wall covering B description Answer will vary	(4 X Cost per gallon)	Answer will vary	Answer will vary

Floor Coverings

Number of square feet of floor covering needed: **345 sq. ft.**

Number of square yards of floor covering needed: **39 sq. yds**

(NOTE: sq. ft./9 = sq. yds.)

	COST	ADVANTAGES	DISADVANTAGES
Floor covering A description Answer will vary	(345 X Cost per sq. ft. Or 39 X Cost per sq. yd.)	Answer will vary	Answer will vary
Floor covering B description Answer will vary	(345 X Cost per sq. ft. Or 39 X Cost per sq. yd.)	Answer will vary	Answer will vary

Bid Sheet: Answers will vary according to student choices