

ITEMS TO REVIEW for COMPETENCY 19:

Knowing the principles and procedures for doing basic estimations and calculations is very important for any drafter. You should know basic math functions as well as basic algebraic functions and be able to determine answers with the information given. Prior to taking the test, make sure that you have reviewed your math and algebra formulas.

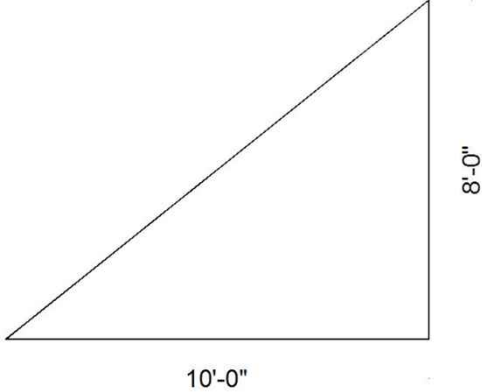
You should also understand what “specifications” are and how they are applied.

ITEMS TO BE DEFINED OR CALCULATED for COMPETENCY 19:

- Sq/yd of carpet
- Number of studs/ft
- Number of floor tiles per sq/ft
- Determining square footage
- Determining cubic yardage
- Roofing shingles and squares
 - Sizes
 - Sq/ft
- Determining heights
- Adding dimensions
- Conversions from one unit to another

REVIEW QUESTIONS

1. How many cubic feet in 5 cubic yards.
 - a. 125
 - b. 135
 - c. 145
 - d. 150
2. 5 square yards of padding equals how many square feet.
 - a. 40
 - b. 42
 - c. 45
 - d. 52

3. Studs are placed 16" o/c and a wall is 27' long. What is the quantity of studs needed? Round to the nearest whole number.
- a. 18
 - b. 20
 - c. 23
 - d. 25
4. For a room measuring 12'x16'. How many tiles 12"x12" tiles are needed?
- a. 186
 - b. 192
 - c. 196
 - d. 198
5. You purchased 55 yards of carpet at a cost of \$1.50/sq ft. What is the total cost? Round your answer to the nearest dollar.
- a. \$740.00
 - b. \$743.00
 - c. \$746.00
 - d. \$749.00
6. What is the square footage of the triangle?
- a. 40
 - b. 80
 - c. 20
 - d. 100
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7. Finish schedules are not considered specifications.
- a. T
 - b. F