

General Math

Addition on the Jobsite

Section 2

Practice Sheet 3

Solve the problems.

1. A new development has 27 ranch units, 54 split level residences, 18 colonial houses, and 14 bi-level structures. How many units make up the total subdivision?
2. Random length molding was ordered for a trim job on a project. The bundle contained a 3', 4', 7', 9', 10', 12', and 16' length. How much total footage of trim was received?
3. A multi-offsetted building was being built. The respective dimensions are 3' -0", 18' -0", 9' -0", 37' -0", 27' -0" and 35' -0". What is the sum of all of the dimensions?
4. The following material list was compiled for a framing project.

37	2 x 4 x 16' -0"
256	2 x 4 x 8' -0"
53	2 x 6 x 10' -0"
12	2 x 6 x 12' -0"
14	2 x 8 x 16' -0"

How many total pieces are needed? _____

5. A crew of carpenters frames a roof using various trusses and braces. The package includes 47 king post trusses, 28 scissor trusses, 31 2 x 4 x 16' -0" braces, and 2 gable end trusses. How many total pieces, including bracing, is required?
6. An apprentice program has the following number of apprentices enrolled in each section.

Carpenter	735
Interior Systems	491
Floor Laying	189
Millwright	232
Cabinet Maker	39
Pre-Apprentice	57

What is the total number of apprentices enrolled in the program? _____

General Math

Addition on the Jobsite, *continued*

Section 2

Practice Sheet 3

7. A connector hires 27 carpenters for concrete formwork, 5 apprentices, 14 interior systems mechanics, 11 trim carpenters, and 7 floor layers. In addition, there are 9 foremen and 1 general foreman for the project. How many total workers are required for the project?
8. The forming requirements for a concrete job include 48 two foot panels, 2 end panels, 6 fillers, 96 snap ties, 192 waler clamps, 11 turnbuckles, 21 pieces of chamfer strip, 384 wedge bolts, and 30 2" x 4" x 16'-0". How many total pieces are needed?