

**Lesson 3**

**Practice:**

Calculators OK--show your work and use units!

Pg 30-32 11

$$38 \times 3\frac{3}{8}'' =$$

$$128\frac{1}{4}'' = 10' - 8\frac{1}{4}''$$

12

$$19 \times 7\frac{7}{8}'' =$$

$$99\frac{3}{4}'' = 8' - 3\frac{3}{4}''$$

16

$$9 \times 7\frac{3}{8}'' =$$

$$66\frac{3}{8}'' = 5' - 6\frac{3}{8}''$$

19

$$\frac{1}{2}'' + (2 \times \frac{3}{8}'' ) = \frac{1}{2}'' \times \frac{3}{4}'' =$$

$$1\frac{1}{4}''$$

21

$$(4 \times 2\frac{3}{4}'' ) + \frac{7}{8}'' =$$

$$11\frac{7}{8}''$$

23

$$(29' \times \frac{3 \text{ studs}}{4'}) + 1 \text{ stud} =$$

$$19 \text{ studs}$$

27

$$a. (10 \times 8\frac{1}{2}'' ) + (9 \times \frac{1}{16}'' ) =$$

$$85\frac{9}{16}''$$

$$b. (4 \times 30\frac{3}{8}'' ) + (3 \times \frac{1}{8}'' ) =$$

$$121\frac{7}{8}''$$

$$c. (32 \times 1\frac{1}{8}'' ) + (31 \times \frac{1}{16}'' ) =$$

$$33\frac{15}{16}''$$

$$d. (6 \times 15\frac{1}{4}'' ) + (5 \times \frac{1}{8}'' ) =$$

$$92\frac{1}{8}''$$

$$e. (9 \times 10\frac{7}{8}'' ) + (8 \times \frac{1}{8}'' ) =$$

$$98\frac{7}{8}''$$

$$f. (5 \times 3\frac{1}{16}'' ) + (4 \times \frac{3}{32}'' ) =$$

$$15\frac{11}{16}''$$

$$13' \div \frac{3\frac{1}{4}''}{\text{course}} =$$

48 courses

$$42'' \div \frac{\frac{1}{2}''}{\text{sheet ply}} =$$

84 sheets

$$\frac{1}{4}'' = 1'-0'' \text{ scale}$$

$$10\frac{1}{8}'' \div \frac{\frac{1}{4}''}{\text{ft}} = 40.5 \text{ ft} =$$

40'-6"

$$59'' \div \frac{7\frac{3}{8}''}{\text{riser}} =$$

8 risers