Section I — +/− Feet & Inches

105

1. 18′ 10″ − 1′ 6″ =

2. 11′ 11″ − 4′ 7″ =

3. 14′ 6″ − 1′ 11″ =

4. 13′ 4″ + 16′ 8″ =

5. 15′ 11″ − 2′ 11″ =

6. 17′ 10″ + 17′ 5″ =

7. 11′ 6″ − 4′ 8″ =

8. 18′ 1″ − 4′ 4″ =

105

Shape A:
- ⑨
- ⑩
- "13' 1"
- 84' 1"
- 13' 9"
- **A**
- 101' 10"

Shape B:
- 8' 1"
- 9' 3"
- ⑪
- 13' 8"
- ⑫
- 10' 1"
- **B**
- 14' 11"
- 63' 8""'
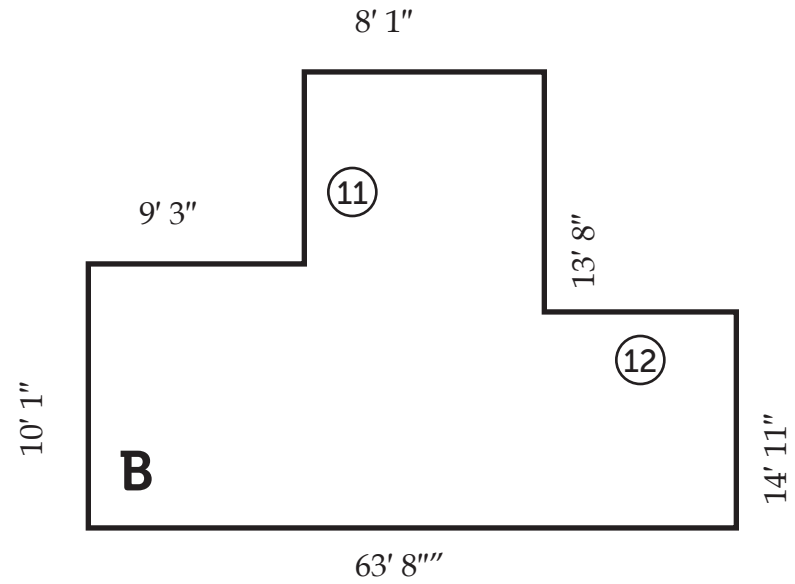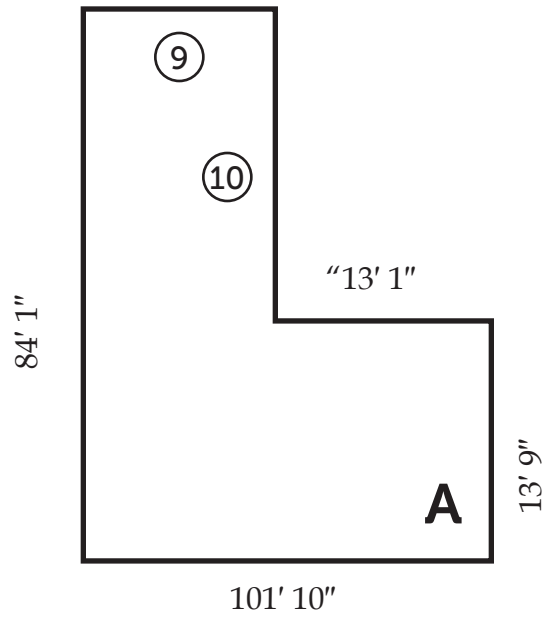
Side	Length	Side	Length	Shape	Perimeter
⑨	_____	⑪	_____	A	⑬ _____
⑩	_____	⑫	_____	B	⑭ _____

DRAWING IS NOT TO SCALE

Section III — Ruler Measurements

15
0 inches   1   2   3   4

19
0 inches   1   2   3   4

16
0 inches   1   2   3   4

20
0 inches   1   2   3   4

17
0 inches   1   2   3   4

21
0 inches   1   2   3   4

18
0 inches   1   2   3   4

22
0 inches   1   2   3   4
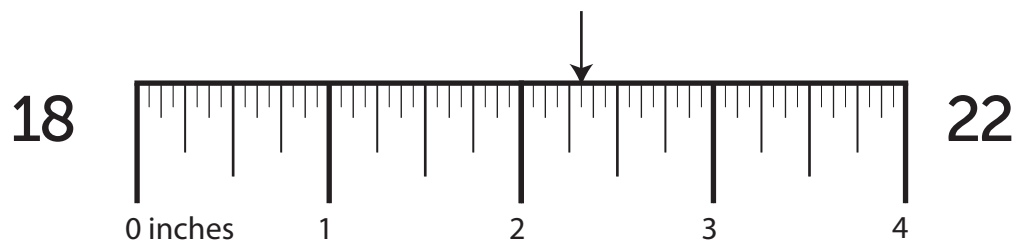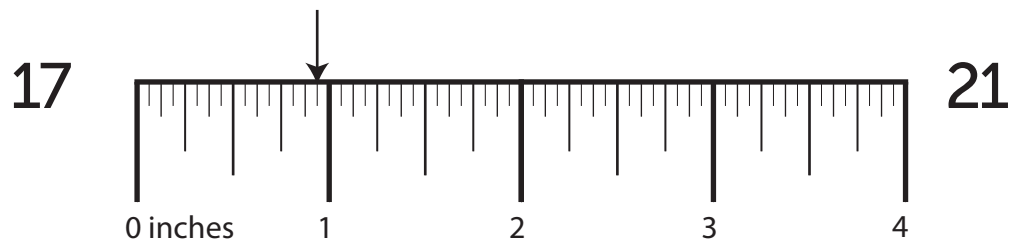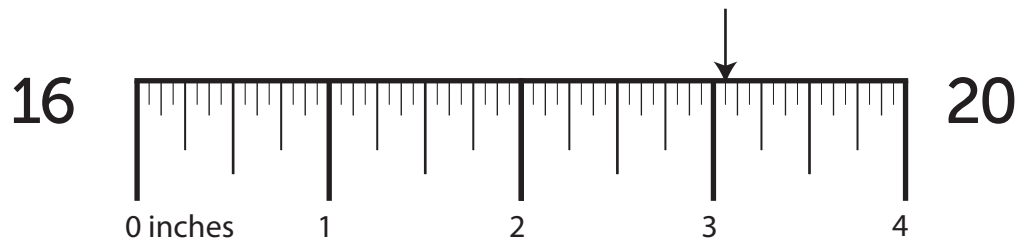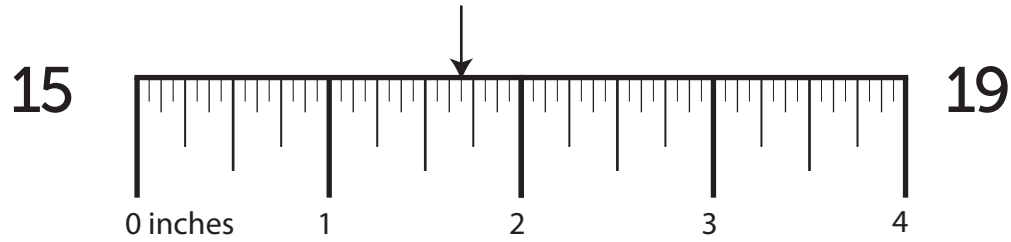
Section IV — More/Less Than

105

23.   What is $\frac{1}{16}$ more than 4 $\frac{3}{8}$?

27.   What is $\frac{1}{2}$ more than 3 $\frac{1}{4}$?

24.   What is $\frac{3}{16}$ less than 3 $\frac{1}{8}$?

28.   What is $\frac{3}{16}$ less than 1 $\frac{3}{8}$?

25.   What is $\frac{1}{16}$ less than 4 $\frac{1}{4}$?

29.   What is $\frac{1}{2}$ less than 1 $\frac{1}{2}$?

26.   What is $\frac{1}{2}$ more than 2 $\frac{5}{16}$?

30.   What is $\frac{1}{8}$ more than 4 $\frac{3}{8}$?

Section V — Nail Penetration & Screw Hole Bits

How far will a ...

31.   15 common gauge nail penetrate a ½″ green girder?

32.   20 penny nail penetrate a 1″ green beam?

33.   60 penny nail penetrate a 5/8″ green rafter?

34.   11 ½ box gauge nail penetrate a 2 ½″ green joist?

What size drill bit will you need to drill a ...

35.   clearance hole for a 11 gauge screw?

36.   countersink hole for a 12 gauge screw?

37.   clearance hole for a 5 gauge screw?

38.   countersink hole for a 9 gauge screw?