Section I — +/− Feet & Inches

402

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1. 15′ 4″ + 8′ 6″ =

2. 13′ 9″ − 4′ 5″ =

3. 8′ 9″ + 16′ 10″ =

4. 12′ 1″ + 8′ 5″ =

5. 17′ 9″ − 5′ 6″ =

6. 16′ 4″ + 17′ 7″ =

7. 10′ 7″ − 10′ 1″ =

8. 11′ 3″ + 16′ 8″ =

DRAWING IS NOT TO SCALE

402

Shape A:
- ⑨ (top edge)
- ⑩ (left-middle edge)
- 93' 5" (left side)
- "11' 8" (middle horizontal)
- 17' 9" (right side)
- **A**
- 64' 7" (bottom)

Shape B:
- 9' 8" (top)
- 14' 2" (left upper horizontal)
- ⑪
- 18' 1" (right upper)
- ⑫
- 11' 1" (left side)
- **B**
- 17' 8" (right side)
- 61' 11"" (bottom)
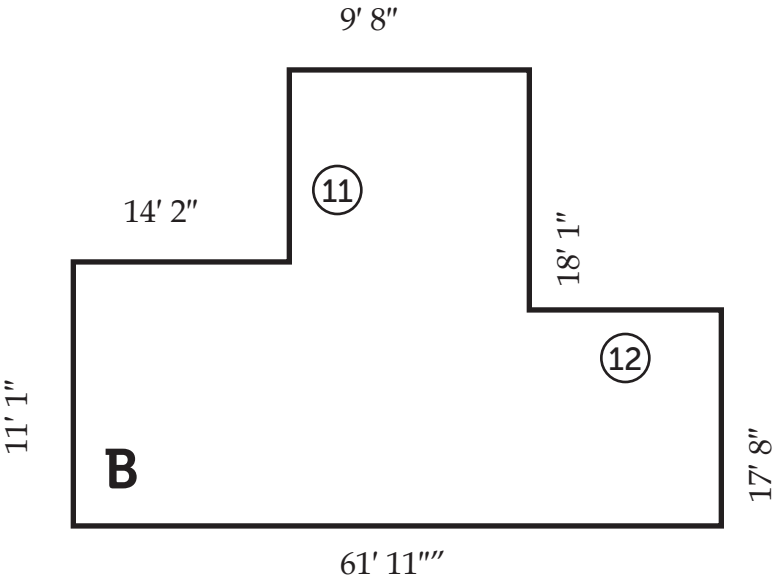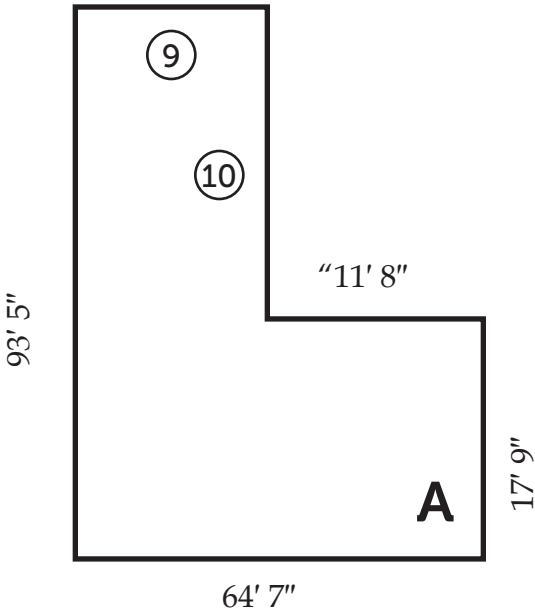
Side	Length	Side	Length	Shape	Perimeter	
⑨	_____	⑪	_____	A	⑬	_____
⑩	_____	⑫	_____	B	⑭	_____

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
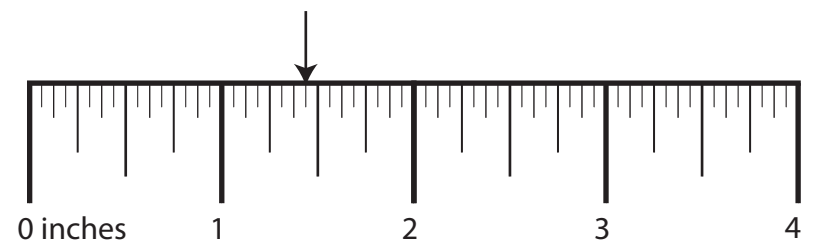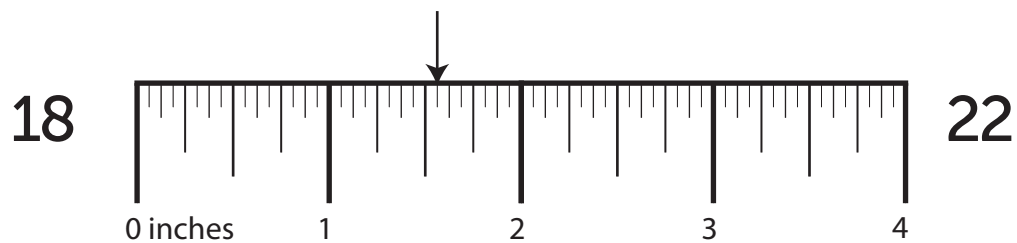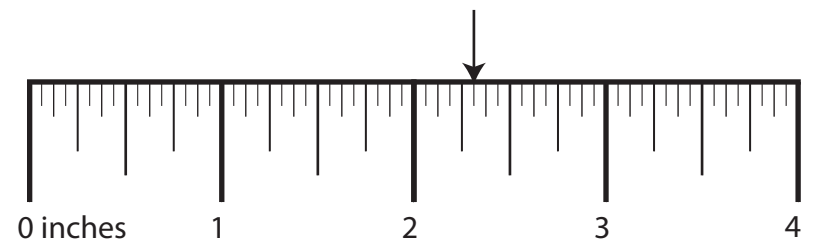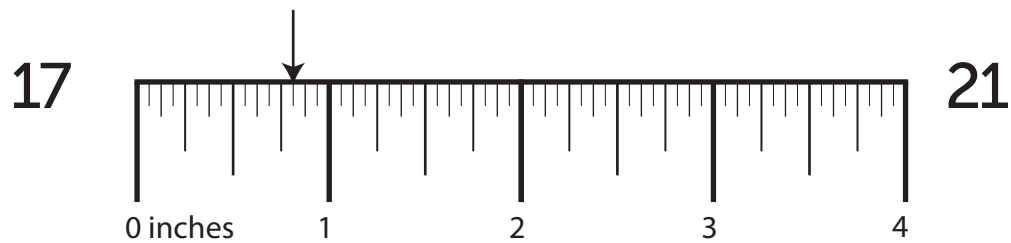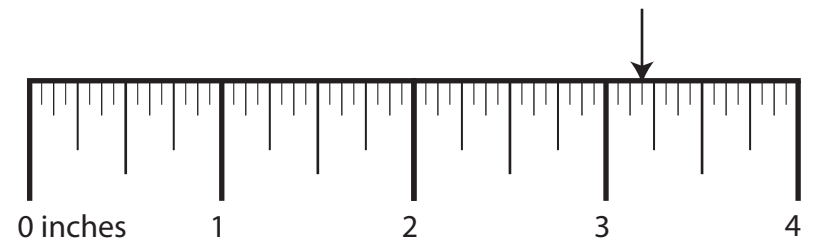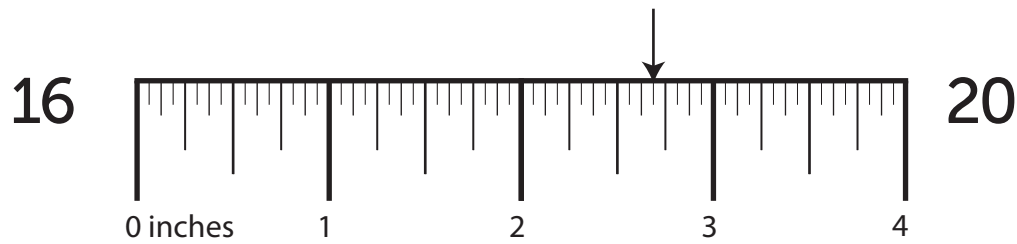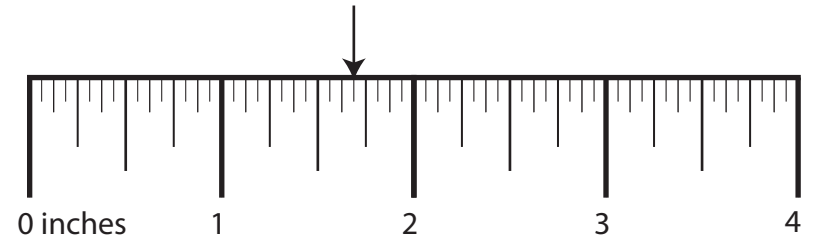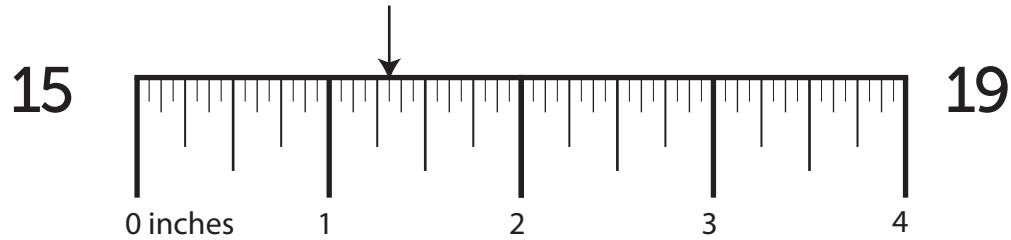
Section IV — More/Less Than

402

23.   What is $\frac{5}{16}$ more than 3 ¼?

27.   What is $\frac{5}{16}$ less than 5 $\frac{1}{16}$?

24.   What is ⅛ more than 3 ⅛?

28.   What is $\frac{5}{16}$ more than 5 ⅜?

25.   What is $\frac{3}{16}$ less than 5 ⅛?

29.   What is ⅛ less than 2 ¼?

26.   What is $\frac{3}{16}$ less than 1 ½?

30.   What is ½ less than 3 ½?

Section V — Nail Penetration & Screw Hole Bits

How far will a …

31.　8 box gauge nail penetrate a 4 ½″ green joist?

32.　14 common gauge nail penetrate a 4″ green joist?

33.　10 penny nail penetrate a 5/8″ dry frame?

34.　6 penny nail penetrate a 3 ½″ green mast?

What size drill bit will you need to drill a …

35.　pilot hole for a 10 gauge screw?

36.　clearance hole for a 11 gauge screw?

37.　pilot hole for a 11 gauge screw?

38.　clearance hole for a 6 gauge screw?