Section I – +/– Feet & Inches 416

1. 15' 4'' + 18' 3'' = 5. 14' 5'' - 11' 9'' =

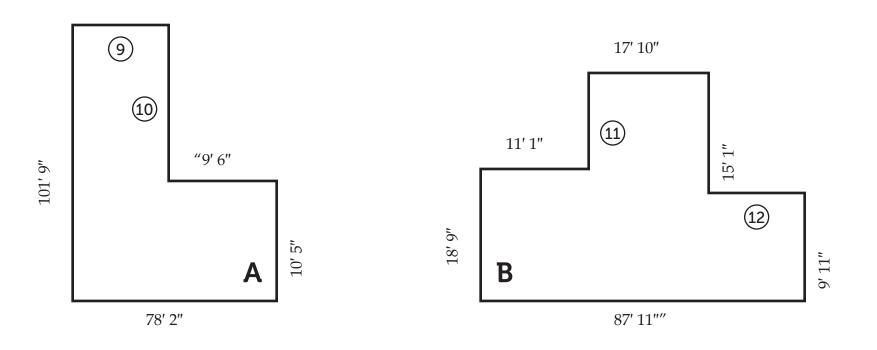
2. 15'7'' - 8'9'' = 6. 12'3'' + 10'2'' =

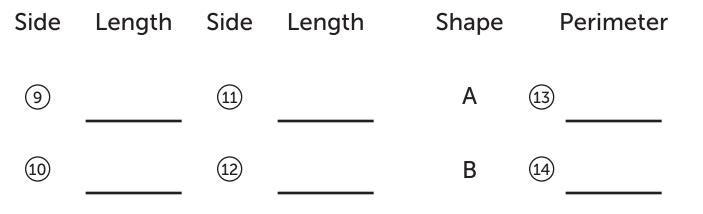
3. 18' 8'' + 10' 11'' = 7. 10' 4'' - 1' 6'' =

4. 13'10" - 4'5" = 8. 18'11" + 18'7" =

Trades Math Midterm DRAWING IS NOT TO SCALE

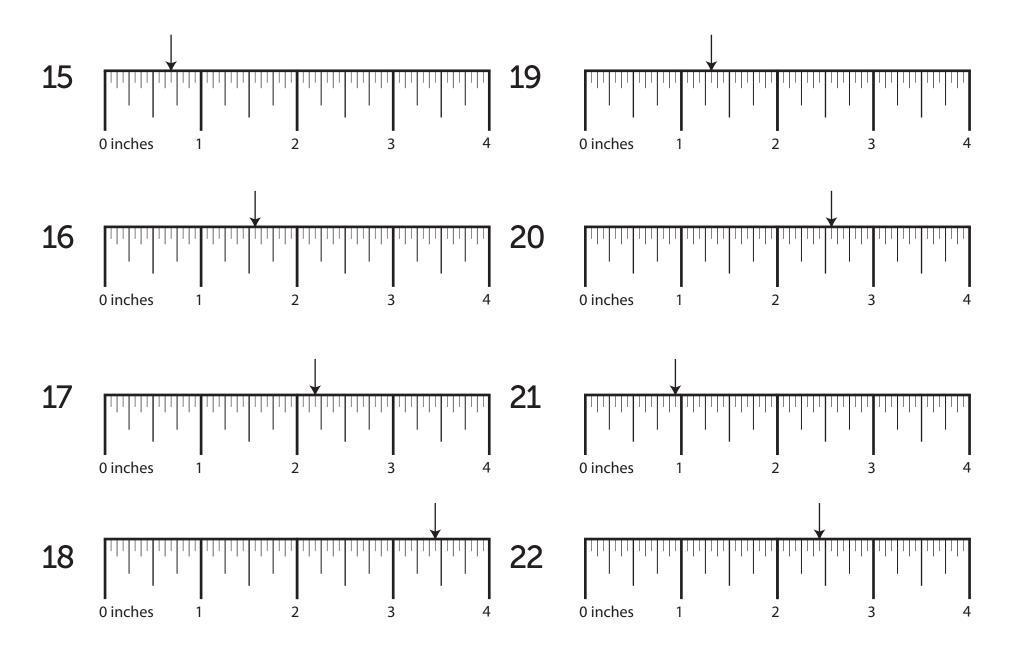
416





Trades Math Midterm DRAWING IS NOT TO SCALE





Section IV – More/Less Than 416

23. What is $\frac{1}{2}$ more than 4 $\frac{3}{8}$? 27. What is $\frac{5}{16}$ less than 2 $\frac{1}{2}$?

24. What is $\frac{5}{16}$ less than 2 $\frac{1}{4}$? 28. What is $\frac{1}{4}$ less than 5 $\frac{3}{16}$?

25. What is $\frac{1}{8}$ more than 5 $\frac{1}{8}$? 29. What is $\frac{3}{8}$ more than 3 $\frac{5}{16}$?

26. What is $\frac{1}{16}$ more than 3 $\frac{1}{8}$? 30. What is $\frac{1}{16}$ more than 1 $\frac{5}{16}$?

Section V — Nail Penetration & Screw Hole Bits

How far will a ...

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

- **31**. 16 penny nail penetrate a 3/4" green pole?
- **35**. clearance hole for a 16 gauge screw?

32. 50 penny nail penetrate a 4" green joist?

36. countersink hole for a 10 gauge screw?

- **33**. 16 penny nail penetrate a $2\frac{1}{2}$ " green timber?
- **37**. clearance hole for a 1 gauge screw?

34. 8 penny nail penetrate a 2" green frame?

38. clearance hole for a 6 gauge screw?