### SHOP MATH FINAL

Name: ___________________________ Date: _____________ #: ____________

1) 10 inches + 7 \(\frac{3}{2}\) inches = ?

2) 5 ft. 2 \(\frac{3}{8}\) inches + 5 \(\frac{1}{16}\) inches = ?

3) 4 \(\frac{3}{4}\) ft. + 1 \(\frac{1}{2}\) ft. = ?

4) Tracy had 2 pieces of sheet metal, 23 \(\frac{3}{4}\)" and 6 \(\frac{1}{2}\)". How long were they together?

5) 5 feet — 1 foot 0 \(\frac{3}{8}\) in. = ?

6) 11' 2 \(\frac{3}{2}\)" — 6' 1 \(\frac{1}{4}\)" = ?

7) 49 \(\frac{3}{8}\)" — 49" = ?

8) Deborah cut 8 \(\frac{3}{4}\)" from a 76 \(\frac{1}{2}\)" piece of conduit. How much was left?

9) 3 \(\frac{3}{4}\) x \(\frac{5}{8}\) = ?

10) \(\frac{3}{8}\) x 1 = ?

11) 7 \(\frac{1}{2}\) x 4 \(\frac{1}{2}\) = ?

12) Kina wants 6 shelves, each 2 \(\frac{1}{2}\) feet long. What length board does she need?

13) 10 \(\frac{1}{2}\) + 2 = ?

14) 1 \(\frac{1}{2}\) + \(\frac{1}{4}\) = ?

15) \(\frac{5}{6}\) + \(\frac{1}{2}\) = ?

16) How many \(\frac{1}{2}\) inch pieces can Laura cut from a 7 inch metal stud?

17) 2.46 + .005 + 16 = ?

18) 83.007 + .47 + 9.8 = ?

19) Find the combined weight of three boxes of nails weighing 4.2 kg, .45 kg & 6 kg.

20) 1 — .047 = ?

21) 8.4 — .631 = ?

22) 3.2 — .1986 = ?

23) The price of gas went from $3.87/gallon to $4.35/gallon. How much did it go up?

24) 34.7 x 8 = ?

25) .004 x .3 = ?

26) Find the area of a box .8' wide by 10' long.

27) Sarah makes $14.90/hour. How much would she make for 2.5 hours?

28) 13.8 ÷ 6 = ?

29) 7.68 ÷ .8 = ?

30) 558.6 ÷ .06 = ?

31) 28 ÷ .4 = ?

32) 36 students wanted to equally share $10. How much would each get?

33) Find the perimeter of a room 24 feet 7 inches long by 22 feet 1 inch wide.

34) Find the area of a right triangle with a base of 4" and a height of 3"

35) Find the length of the missing side

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Place your answers in these spaces

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