

SHOP MATH FINAL

Name: _____ Date: _____ #:

- 1) 10 inches + 7 $\frac{3}{32}$ inches = ?
- 2) 5 ft. 2 $\frac{1}{8}$ inches + 5 $\frac{15}{16}$ inches = ?
- 3) 4 $\frac{3}{4}$ ft. + 1 $\frac{1}{3}$ ft. = ?
- 4) Tracy had 2 pieces of sheet metal, 23 $\frac{7}{8}$ " and 6 $\frac{7}{32}$ ". How long were they together?
- 5) 5 feet — 1 foot 0 $\frac{1}{8}$ in. = ?
- 6) 11' 2 $\frac{1}{2}$ " — 6' 1 $\frac{3}{4}$ " = ?
- 7) 49 $\frac{5}{32}$ " — 49" = ?
- 8) Deborah cut 8 $\frac{7}{8}$ " from a 76 $\frac{5}{32}$ " piece of conduit. How much was left?
- 9) 3 $\frac{3}{4}$ x $\frac{4}{15}$ = ?
- 10) $\frac{1}{8}$ x 1 = ?
- 11) 7 $\frac{1}{2}$ x 4 $\frac{2}{5}$ = ?
- 12) Kina wants 6 shelves, each 2 $\frac{1}{3}$ feet long. What length board does she need?
- 13) 10 $\frac{1}{8}$ ÷ 2 = ?
- 14) 1 $\frac{1}{2}$ ÷ $\frac{3}{4}$ = ?
- 15) $\frac{8}{15}$ ÷ $\frac{7}{12}$ = ?
- 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

Place your answers in these spaces

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|-----------|-----------|-----------|-----------|-----------|
| 1) _____ | 2) _____ | 3) _____ | 4) _____ | 5) _____ |
| 6) _____ | 7) _____ | 8) _____ | 9) _____ | 10) _____ |
| 11) _____ | 12) _____ | 13) _____ | 14) _____ | 15) _____ |
| 16) _____ | 17) _____ | 18) _____ | 19) _____ | 20) _____ |
| 21) _____ | 22) _____ | 23) _____ | 24) _____ | 25) _____ |
| 26) _____ | 27) _____ | 28) _____ | 29) _____ | 30) _____ |
| 31) _____ | 32) _____ | 33) _____ | 34) _____ | 35) _____ |



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