

Test 17

- 1) .002
- 2) $.002 \times 2 = .004$
- 3) .22
- 4) $.22 \times 8 = 1.76$
- 5) .07
- 6) $.07 \times 4 = .28$
- 7) .2
- 8) $.2 \times 5 = 1$
- 9) .5
- 10) $.5 \times 7 = 3.5$
- 11) .003
- 12) $.003 \times 3 = .009$
- 13) $3.14(1.2^2) = 4.5216$ sq. mi.
- 14) $3.14(2.4) = 7.536$ mi.
- 15) $40 + 30 + 40 + 30 = 140$ in.
- 16) $7.9 + 3.2 + 7.9 + 3.2 = 22.2$ m
- 17) $6\frac{1}{4} + 4\frac{3}{4} + 6\frac{1}{4} + 4\frac{3}{4} = 20\frac{8}{4} = 22$ in.
- 18) $\$40.95 \div 7 = \5.85
- 19) $71.6 \div 4 = 17.9$ mi.
- 20) $3.5 + 6.9 + 4.3 = 14.7$ hrs.
 $14.7 \times \$7.10 = \104.37

Test 18

- 1) 121,000
- 2) $121,000 \times .004 = 484$
- 3) 201
- 4) $201 \times .18 = 36.18$
- 5) 3.7
- 6) $3.7 \times 6 = 22.2$
- 7) .0006
- 8) $.0006 \times 9 = .0054$
- 9) $3.14(3.5^2) = 38.465$ sq. in.
- 10) $3.14(7) = 21.98$ in.
- 11) $13 \times 13 = 169$
- 12) $6 \times 6 = 36$
- 13) $10 \times 10 = 100$
- 14) $11 + 11 + 12 = 34$ ft.
- 15) $9 + 12 + 15 = 36$ in.
- 16) $6.9 + 5.4 + 4.1 = 16.4$ m
- 17) $\$19 + .25 = 76$ quarters
- 18) $5.4 + .45 = 12$
- 19) $13.9 + 13.9 + 13.9 + 13.9 = 55.6$ m
- 20) $3,160 \div 1,000 = 3.16$ kg

Test 19

- 1) $.19G = 38$
 $G = 200$
- 2) $.19(200) = 38$
 $38 = 38$
- 3) $.008Y = 2$
 $Y = 250$
- 4) $.008(250) = 2$
 $2 = 2$
- 5) $.6G = 24$
 $G = 40$
- 6) $.6(40) = 24$
 $24 = 24$
- 7) $.11Y = 55$
 $Y = 500$
- 8) $.11(500) = 55$
 $55 = 55$
- 9) 1,003
- 10) $1,003 \times .006 = 6.018$
- 11) .2
- 12) $.2 \times 15 = 3$
- 13) $8 \times 4 = 32$ sq. m
- 14) $3.9 \times 3.9 = 15.21$ sq. ft.
- 15) $5.1 \times 2.5 = 12.75$ sq. in.
- 16) $.45J = 90$
 $J = 200$ hrs.
- 17) $200 - 90 = 110$
- 18) $.75G = 12$
 $G = 16$
- 19) $\$308.00 \div 8 = \38.50
- 20) $5,000 \text{ g} = 5 \text{ kg}$
 $50 \text{ kg} > 5 \text{ kg}$

Test 20

- 1) 55
- 2) $55 \times .5 = 27.5$
- 3) 21.25
- 4) $21.25 \times .32 = 6.8$
- 5) 680
- 6) $680 \times .04 = 27.2$
- 7) 15
- 8) $15 \times .28 = 4.2$
- 9) .056
- 10) $.056 \times 35 = 1.96$
- 11) 4,270
- 12) $4,270 \times .002 = 8.54$
- 13) $.12Q = .36$
 $Q = 3$
 $\sqrt{.12(3)} = .36$
 $.36 = .36$
- 14) $2.5W = .75$
 $W = .3$
 $\sqrt{2.5(.3)} = .75$
 $.75 = .75$
- 15) $\frac{17}{3} \times \frac{6}{7} = \frac{17}{3} \times \frac{7}{6} = \frac{119}{18} = 6\frac{11}{18}$
- 16) $23\frac{10}{10} - 12\frac{1}{10} = 11\frac{9}{10}$
- 17) $\frac{4}{8} \times \frac{10^2}{11} = \frac{8}{11}$
- 18) $10 \times 6 = 60$ sq. in.
- 19) $27.3 \div 9.1 = 3$
- 20) $\$66.36 \div \$3.16 = 21$