

Test 15

- 1) .07
- 2) .1
- 3) .5
- 4) .25
- 5) 80
- 6) 9,500
- 7) $(1) \times (.007) = (.007)$
0.010255
- 8) $(200) \times (.1) = (20)$
32.028144
- 9) .06
- 10) .45
- 11) 1.30
- 12) 2.00
- 13) $34 \div 2 = 17$
- 14) $36 \div 9 = 4; 4 \times 2 = 8$
- 15) $100 \div 5 = 20; 20 \times 3 = 60$
- 16) $\frac{33}{8} \times \frac{6}{5} = \frac{11 \times 3}{8} \times \frac{5}{5} = \frac{55}{16} = 3 \frac{7}{16}$
- 17) $\frac{26}{3} \times \frac{1}{6} = \frac{26}{3} \times \frac{2}{6} = 52$
- 18) 1 kilogram
- 19) 500,000 mm
- 20) $35 \times 1.08 = 37.8$ tons

Test 16

- 1) $3.14(10^2) = 314$ sq. m
- 2) $3.14(20) = 62.8$ m
- 3) $3.14(2.5^2) = 19.625$ sq. in.
- 4) $3.14(5) = 15.7$ in.
- 5) .061
- 6) .004
- 7) 130
- 8) .0028
- 9) 65.07
- 10) 22.44
- 11) $\frac{17}{2} \times \frac{9}{4} = \frac{17}{2} \times \frac{2 \times 4}{9} = \frac{34}{9} = 3 \frac{7}{9}$
- 12) $\frac{19}{6} \times \frac{5}{3} = \frac{19}{6} \times \frac{2}{2} \times \frac{5}{5} = \frac{19}{10} = 1 \frac{9}{10}$
- 13) $\frac{9}{10} \times \frac{2}{5} = \frac{9}{10} \times \frac{2}{2} = \frac{9}{4} = 2 \frac{1}{4}$
- 14) $9 + 4 + 9 + 4 = 26$ m
- 15) $4.5 + 4.5 + 4.5 + 4.5 = 18$ ft.
- 16) $6.2 + 3 + 6.2 + 3 = 18.4$ in.
- 17) $3.14(6^2) = 113.04$ sq. ft.
- 18) $3.14(5) = 15.7$ ft.
- 19) $8 + 8 + 8 + 8 = 32$ yds.
- 20) $2 \times 100 = 200$ m

Unit Test II

- 1) 6.027
- 2) 3.64
- 3) .171
- 4) .037312
- 5) 16.356795
- 6) 13.59366
- 7) .01
- 8) .10
- 9) 1.00
- 10) $\frac{5}{100} = \frac{1}{20}$
- 11) $\frac{48}{100} = \frac{12}{25}$
- 12) $\frac{16}{100} = \frac{4}{25}$
- 13) .25 = 25%
- 14) .40 = 40%
- 15) .50 = 50%
- 16) .75 = 75%
- 17) $\frac{600}{100} + \frac{25}{100} = \frac{625}{100} = 625\% = 6.25$
- 18) .2
- 19) 8,100,000
- 20)
 - electricity
 - ▒ ingredients
 - ▣ paper cups
- 21) $\$35 \times .80 = \28
- 22) $3.14(3^2) = 28.26$ sq. m
- 23) $3.14(6) = 18.84$ m
- 24) $\frac{27}{5} \times \frac{21}{5} = \frac{567}{25} = 22 \frac{17}{25}$
- 25) $\frac{7}{3} \times \frac{5}{9} = \frac{35}{27} = 1 \frac{8}{27}$
- 26) $\frac{15}{2} \times \frac{5}{4} = \frac{3 \times 5}{2} \times \frac{4^2}{8} = 6$
- 27) $\frac{20}{3} \times \frac{2}{5} = \frac{20}{3} \times \frac{2}{5} = \frac{50}{3} = 16 \frac{2}{3}$
- 28) $.88 \times 50 = 44$
- 29) $\$135.00 \times 1.16 = \156.60
- 30) $10.16 + 9.25 + 10.16 + 9.25 = 38.82$ in.

