

$\frac{7}{9}$   $\frac{17}{63}$

Test 24

- 1)  $\frac{85}{100} = \frac{17}{20}$
- 2)  $\frac{16}{100} = \frac{4}{25}$
- 3)  $\frac{2}{10} = \frac{1}{5}$
- 4)  $\frac{5}{1000} = \frac{1}{200}$
- 5)  $2 \div 9 = .22\frac{2}{9} = 22\frac{2}{9}\%$
- 6)  $4 \div 5 = .80 = 80\%$
- 7)  $1 \div 2 = .50 = 50\%$
- 8)  $2 \div 3 = .66\frac{2}{3} = 66\frac{2}{3}\%$
- 9)  $.75X = 7.5$   
 $X = 10$
- 10)  $.75(10) = 7.5$   
 $7.5 = 7.5$
- 11)  $1.4X + 5 = 6.82$   
 $1.4X = 1.82$   
 $X = 1.3$
- 12)  $1.4(1.3) + 5 = 6.82$   
 $1.82 + 5 = 6.82$   
 $6.82 = 6.82$
- 13)  $13.33\frac{1}{3}$
- 14)  $2.43\frac{7}{11}$
- 15)  $1 + 5 + 9 = 15$   
 $15 \div 3 = 5$
- 16)  $2 + 2 + 5 + 7 = 16$   
 $16 \div 4 = 4$
- 17)  $75 \times 1.30 = 97.5$  lbs.
- 18)  $45 + 31 + 45 + 31 = 152$  in.
- 19)  $3.14(60)^2 = 11,304$  sq. ft.
- 20)  $3.5 \times 1,000 = 3,500$  m

Test 25

- 1)  $8 + 13 + 17 + 17 + 19 + 19 + 19 = 112$   
mean =  $112 \div 7 = 16$   
median = 17  
mode = 19
- 2)  $70 + 80 + 80 + 90 + 100 = 420$   
mean =  $420 \div 5 = 84$   
median = 80  
mode = 80
- 3)  $8 + 8 + 9 + 10 + 15 = 50$   
mean =  $50 \div 5 = 10$   
median = 9  
mode = 8
- 4)  $3 + 3 + 6 + 7 + 11 = 30$   
mean =  $30 \div 5 = 6$   
median = 6  
mode = 3
- 5)  $\frac{53}{100}$
- 6)  $\frac{44}{100} = \frac{11}{25}$
- 7)  $23 + 40 = .57\frac{1}{2} = 57\frac{1}{2}\%$
- 8)  $4 \div 6 = .66\frac{2}{3} = 66\frac{2}{3}\%$
- 9)  $9X + 3.4 = 7.9$   
 $9X = 4.5$   
 $X = .5$
- 10)  $9(.5) + 3.4 = 7.9$   
 $4.5 + 3.4 = 7.9$   
 $7.9 = 7.9$
- 11)  $10 \times 10 = 100$
- 12)  $3 \times 3 \times 3 = 27$
- 13)  $1 \times 1 \times 1 \times 1 \times 1 \times 1 = 1$
- 14)  $.9 + 1 + .9 + 1 = 3.8$  m
- 15)  $.9 \times .8 = .72$  sq. m
- 16)  $9.7 + 9.7 + 9.7 + 9.7 = 38.8$  ft.
- 17)  $9.7 \times 9.7 = 94.09$  sq. ft.
- 18)  $2 + 2 + 3 + 3 + 4 + 4 + 4 + 6 + 8 = 36$   
average, or mean =  $36 \div 9 = 4$
- 19) most often, or mode = 4
- 20) middle, or median = 4

Test 26

- 1)  $\frac{10}{1000} = \frac{1}{100}$
- 2)  $\frac{300}{1000} = \frac{3}{10}$
- 3)  $\frac{700}{1000} = \frac{7}{10}$
- 4)  $\frac{4}{10} = \frac{2}{5}$
- 5)  $\frac{4}{10} = \frac{2}{5}$
- 6)  $\frac{7}{10}$
- 7)  $3 + 7 + 8 + 8 + 9 = 35$   
mean =  $35 \div 5 = 7$   
median = 8  
mode = 8
- 8)  $9 + 9 + 12 + 13 + 17 = 60$   
mean =  $60 \div 5 = 12$   
median = 12  
mode = 9
- 9)  $\frac{5}{10} = \frac{1}{2}$
- 10)  $\frac{92}{100} = \frac{23}{25}$
- 11)  $\frac{9}{100}$
- 12)  $\frac{825}{1000} = \frac{33}{40}$
- 13)  $1 \div 3 = .33\frac{1}{3} = 33\frac{1}{3}\%$
- 14)  $7 \div 8 = .87\frac{1}{2} = 87\frac{1}{2}\%$
- 15)  $3.14(6.4) = 20$  ft.
- 16)  $200 \times .16 = 32$
- 17) 500 meters
- 18) 18

Test 27

- 1) endpoint
- 2) length; width
- 3) ray
- 4) line segment
- 5) length; width
- 6) c
- 7) d
- 8) e
- 9) b
- 10) a
- 11)  $\overleftrightarrow{XY}$
- 12) QR or RQ
- 13)  $1 + 1 + 1 + 2 + 5 = 10$   
mean =  $10 \div 5 = 2$
- 14) median = 1
- 15) mode = 1
- 16) 2.665
- 17) 13
- 18) 4
- 19)  $\frac{1}{2}$
- 20)  $\frac{50}{100} = \frac{1}{2}$   
 $8 \div 2 = 4$   
 $4 \times 1 = 4$  chores done