

## Test 5

- 1)  $\frac{15}{30} + \frac{12}{30} = \frac{27}{30}$
- 2)  $\frac{6}{12} + \frac{4}{12} = \frac{10}{12}$
- 3)  $\frac{6}{30} + \frac{5}{30} = \frac{11}{30}$
- 4)  $\frac{5}{20} - \frac{4}{20} = \frac{1}{20}$
- 5)  $\frac{25}{30} - \frac{12}{30} = \frac{13}{30}$
- 6)  $\frac{4}{8} - \frac{2}{8} = \frac{2}{8}$
- 7)  $\frac{1}{7} = \frac{2}{14} = \frac{3}{21} = \frac{4}{28}$
- 8)  $\frac{2}{3} = \frac{4}{6} = \frac{6}{9} = \frac{8}{12}$
- 9)  $36 \div 9 = 4; 4 \times 5 = 20$
- 10)  $90 \div 10 = 9; 9 \times 3 = 27$
- 11)  $48 \div 6 = 8; 8 \times 4 = 32$
- 12) 90
- 13) 10
- 14) 300
- 15) 200
- 16)  $\frac{3}{18} + \frac{6}{18} = \frac{9}{18}$
- 17)  $\frac{18}{18} - \frac{9}{18} = \frac{9}{18}$
- 18)  $\frac{4}{6} - \frac{3}{6} = \frac{1}{6}$
- 19)  $122 \times 3 = 366$  cups
- 20)  $7 + 24 + 25 = 56'$

## Test 6

- 1)  $\frac{5}{15} + \frac{6}{15} = \frac{11}{15}$
- 2)  $\frac{18}{24} + \frac{4}{24} = \frac{22}{24}$
- 3)  $\frac{30}{70} + \frac{7}{70} = \frac{37}{70}$
- 4)  $\frac{6}{12} - \frac{2}{12} = \frac{4}{12}$
- 5)  $\frac{15}{24} - \frac{8}{24} = \frac{7}{24}$
- 6)  $\frac{20}{24} - \frac{18}{24} = \frac{2}{24}$
- 7)  $\frac{7}{8} = \frac{14}{16} = \frac{21}{24} = \frac{28}{32}$
- 8)  $\frac{1}{3} = \frac{2}{6} = \frac{3}{9} = \frac{4}{12}$
- 9)  $50 \div 10 = 5; 5 \times 1 = 5$
- 10)  $16 \div 4 = 4; 4 \times 3 = 12$
- 11)  $20 \div 2 = 10; 10 \times 1 = 10$
- 12)  $(30) \times (30) = (900)$   
 $26 \times 33 = 858$
- 13)  $(80) \times (80) = (6,400)$   
 $75 \times 83 = 6,225$
- 14)  $(60) \times (20) = (1,200)$   
 $61 \times 17 = 1,037$
- 15)  $16 \times 12 = 192$
- 16)  $\frac{1}{2} + \frac{1}{5} = \frac{5}{10} + \frac{2}{10} = \frac{7}{10}$
- 17)  $\frac{4}{9} + \frac{3}{6} = \frac{24}{54} + \frac{27}{54} = \frac{51}{54}$
- 18)  $\frac{3}{4} - \frac{1}{8} = \frac{24}{32} - \frac{4}{32} = \frac{20}{32}$
- 19) 500
- 20)  $7/10 \times 60 = 42$

## Test 7

- 1)  $\frac{7}{28} < \frac{12}{28}$
- 2)  $\frac{6}{16} < \frac{8}{16}$
- 3)  $\frac{36}{45} > \frac{10}{45}$
- 4)  $\frac{18}{33} < \frac{22}{33}$
- 5)  $\frac{35}{63} < \frac{54}{63}$
- 6)  $\frac{24}{32} = \frac{24}{32}$
- 7)  $\frac{9}{72} + \frac{32}{72} = \frac{41}{72}$
- 8)  $\frac{10}{15} - \frac{3}{15} = \frac{7}{15}$
- 9)  $\frac{24}{30} + \frac{5}{30} = \frac{29}{30}$
- 10)  $\frac{2}{5} = \frac{4}{10} = \frac{6}{15} = \frac{8}{20}$
- 11)  $9\frac{1}{2}$
- 12)  $8\frac{3}{6}$
- 13)  $7\frac{4}{5}$
- 14)  $(40) \times (20) = (800)$   
 $39 \times 24 = 936$
- 15)  $(70) \times (20) = (1,400)$   
 $72 \times 15 = 1,080$
- 16)  $(70) \times (40) = (2,800)$   
 $68 \times 43 = 2,924$
- 17)  $5/8$  of 16 = 10
- 18)  $\frac{10}{50} < \frac{15}{50}$  Douglas ate more
- 19)  $1/5$  of 20 = 4 Christa  
 $3/10$  of 20 = 6 Douglas  
 $4 < 6$ ; yes
- 20)  $\frac{8}{10} - \frac{2}{10} = \frac{6}{10}$  inch

## Test 8

- 1)  $\frac{7}{14} + \frac{6}{14} = \frac{13}{14}$   
 $\frac{13}{14} + \frac{1}{3} = \frac{39}{42} + \frac{14}{42} = \frac{53}{42} = 1\frac{11}{42}$
- 2)  $\frac{16}{24} + \frac{6}{24} = \frac{22}{24}$   
 $\frac{22}{24} + \frac{2}{3} = \frac{66}{72} + \frac{48}{72} = \frac{114}{72} = 1\frac{42}{72}$
- 3)  $\frac{6}{8} + \frac{3}{8} + \frac{4}{8} = \frac{13}{8} = 1\frac{5}{8}$
- 4)  $\frac{18}{24} + \frac{4}{24} = \frac{22}{24}$   
 $\frac{22}{24} + \frac{1}{5} = \frac{110}{120} + \frac{24}{120} = \frac{134}{120} = 1\frac{14}{120}$
- 5)  $\frac{4}{16} + \frac{8}{16} = \frac{12}{16}$   
 $\frac{12}{16} + \frac{2}{5} = \frac{60}{80} + \frac{32}{80} = \frac{92}{80} = 1\frac{12}{80}$
- 6)  $\frac{3}{6} + \frac{4}{6} + \frac{5}{6} = \frac{12}{6} = 2$
- 7)  $16/32 = 16/32$
- 8)  $24/56 > 21/56$
- 9)  $8/20 < 15/20$
- 10)  $\frac{3}{9} = \frac{6}{18} = \frac{9}{27} = \frac{12}{36}$
- 11)  $\frac{2}{3} = \frac{4}{6} = \frac{6}{9} = \frac{8}{12}$
- 12) 99  $\frac{1}{3}$
- 13) 22  $\frac{2}{7}$
- 14) 116  $\frac{1}{4}$
- 15)  $\frac{2}{8} + \frac{4}{8} + \frac{1}{8} = \frac{7}{8}$
- 16)  $8/8 - 7/8 = 1/8; 1/8$  of 32 = 4
- 17)  $4 \times 65 = 260$
- 18)  $\$217 \div 5 = \$43 \frac{2}{5}$
- 19) 60
- 20) 800