

## 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.  $19 \div 2 = 9\frac{1}{2}$
12.  $51 \div 6 = 8\frac{3}{6}$
13.  $39 \div 5 = 7\frac{4}{5}$
14.  $(40) \times (20) = (800)$   
 $39 \times 24 = 936$
15.  $(70) \times (20) = (1400)$   
 $72 \times 15 = 1080$
16.  $(70) \times (40) = (2800)$   
 $68 \times 43 = 2924$
17.  $\frac{5}{8}$  of 16 = 10 eucalypt trees
18.  $\frac{10}{50} < \frac{15}{50}$  Douglas ate more
19.  $\frac{1}{5}$  of 20 = 4 Christa  
 $\frac{3}{10}$  of 20 = 6 Douglas  
 $4 < 6$ ; yes
20.  $\frac{8}{10} - \frac{2}{10} = \frac{6}{10}$  cm more

## 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.  $\frac{16}{32} = \frac{16}{32}$
8.  $\frac{24}{56} > \frac{21}{56}$
9.  $\frac{8}{20} < \frac{15}{20}$
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.  $298 \div 3 = 99\frac{1}{3}$
13.  $156 \div 7 = 22\frac{2}{7}$
14.  $465 \div 4 = 116\frac{1}{4}$
15.  $\frac{2}{8} + \frac{4}{8} + \frac{1}{8} = \frac{7}{8}$  of his plants
16.  $\frac{8}{8} - \frac{7}{8} = \frac{1}{8}$  alive;  $\frac{1}{8}$  of 32 = 4 plants
17.  $4 \times 65 = 260$  tomatoes
18.  $\$217 \div 5 = \$43\frac{2}{5}$
19. 60
20. 800