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 $16 = 10$ eucalyptus 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. $R217 \div 5 = R43\frac{2}{5}$
19. 60
20. 800