

C 7 2) $R = \frac{4}{7} = \frac{3}{7} = \frac{8}{7} = \frac{4}{7} = \frac{3}{7} = \frac{4 \times 8}{8} = \frac{9}{7} = \frac{32}{56} = \frac{9}{56}$ Done R = 23 3) $S = \frac{5}{11} \times \frac{4}{7} \div \frac{15}{22} = \frac{5 \times 4}{11 \times 7} \times \frac{22}{15} = \frac{5 \times 4 \times 22}{11 \times 7 \times 15}$ $\frac{1}{100} = \frac{5 \times 4 \times 2 \times 11}{11 \times 7 \times 3 \times 5} = \frac{4 \times 2}{7 \times 3} = \frac{8}{21}$ 4) $T = \frac{3}{5} \times \frac{3}{8} \times \frac{1}{7} = \frac{5}{5 \times 8} \times \frac{3}{4} \times \frac{7}{5} = \frac{9}{40} \times \frac{7}{20} \times \frac{9}{40} \times \frac{7 \times 2}{20 \times 2}$ 6) $V = \frac{5}{5} \div \frac{4}{3} = \frac{5}{6} \times \frac{3}{4} = \frac{15}{24} \div \frac{35}{8} \times \frac{8}{35} = \frac{5}{35} \times \frac{4}{7} = \frac{15}{8} \times \frac{8}{8} \times \frac{5}{35} = \frac{1}{7}$ Exercise 64p70 $\frac{3}{5} \cdot \frac{-7}{5} = \frac{3}{5} \times \frac{5}{-7} = \frac{3}{-7} = \frac{-3}{7}$ $\frac{-7}{5} \cdot \frac{9}{10} \cdot \frac{-7}{5} \times \frac{10}{9} = \frac{-7}{5} \times \frac{2 \times 5}{9} = \frac{-14}{9}$ $\frac{3}{7} \cdot \frac{14}{9} = \frac{3}{7} \times \frac{9}{14} = \frac{27}{38}$