

Pages 64–65 Practice Questions

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1. a) $\frac{21}{20} = 1\frac{1}{20}$ [1]
b) $\frac{41}{40} = 1\frac{1}{40}$ [1]
c) $\frac{29}{20} = 1\frac{9}{20}$ [1]
d) $\frac{5}{8}$ [1]
e) $\frac{3}{10}$ [1]
f) $\frac{19}{36}$ [1]
2. a) $\frac{2}{24} = \frac{1}{12}$ [1]
b) $\frac{40}{54} = \frac{20}{27}$ [1]
c) $\frac{3}{20}$ [1]
3. a) $\frac{3}{16}$ [1]
b) $\frac{9}{48} [1] = \frac{3}{16} [1]$
c) $\frac{21}{12} + \frac{1}{2} = \frac{9}{4} [1] = 2\frac{1}{4} [1]$

1. a) $\frac{35}{8} + \frac{11}{5} = \frac{263}{40} [1] = 6\frac{23}{40} [1]$
b) $\frac{18}{5} + \frac{21}{9} + \frac{7}{2} = \frac{283}{30} [1] = 9\frac{13}{30} [1]$
c) $\frac{29}{4} - \frac{30}{11} = \frac{199}{44} [1] = 4\frac{23}{44} [1]$
d) $\frac{11}{5} - \frac{10}{7} [1] = \frac{27}{35} [1]$

Pages 74–75 Review Questions

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1.
 - a) $\frac{4}{10} + \frac{1}{10} = \frac{5}{10} = \frac{1}{2}$ [1]
 - b) $\frac{7}{12} + \frac{3}{12} = \frac{10}{12} = \frac{5}{6}$ [1]
 - c) $\frac{5}{30} + \frac{6}{30} = \frac{11}{30}$ [1]
 - d) $\frac{20}{70} + \frac{21}{70} = \frac{41}{70}$ [1]
 - e) $\frac{8}{9} - \frac{3}{9} = \frac{5}{9}$ [1]
 - f) $\frac{14}{22} - \frac{11}{22}$ [1] = $\frac{3}{22}$ [1]
 - g) $\frac{27}{30} - \frac{20}{30}$ [1] = $\frac{7}{30}$ [1]
2.
 - a) $\frac{4}{45}$ [1]
 - b) $\frac{9}{70}$ [1]
 - c) $\frac{10}{36} = \frac{5}{18}$ [1]
 - d) $\frac{2}{9} \times \frac{4}{1} = \frac{8}{9}$ [1]
 - e) $\frac{4}{5} \times \frac{11}{6} = \frac{44}{30}$ [1] = $\frac{22}{15} = 1 \frac{7}{15}$ [1]
3. $\frac{2}{5} + \frac{1}{4} = \frac{8}{20} + \frac{5}{20}$ [1] = $\frac{13}{20}$
 $1 - \frac{13}{20}$ [1] = $\frac{7}{20}$ [1]
4. $\frac{4}{9} + \frac{1}{3} = \frac{7}{9}$ [1] $1 - \frac{7}{9} = \frac{2}{9}$ [1]
 Shared equally = $\frac{1}{9}$ chocolate [1]

1.
 - a) $\frac{77}{9}$ [1]
 - b) $\frac{23}{7}$ [1]
 - c) $\frac{14}{11}$ [1]