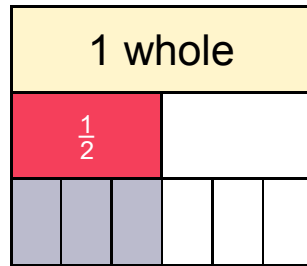


Answers - Equivalent Fractions Book 2

Practicing Fluency in Numeracy!

$$\begin{array}{c} \times 3 \\ \frac{1}{2} = \frac{3}{6} \\ \times 3 \end{array}$$



$$\begin{array}{c} \div 3 \\ \frac{3}{6} = \frac{1}{2} \\ \div 3 \end{array}$$

Answers to Equivalent Fractions Book 2

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Q1: a) $\frac{2}{4}$ b) $\frac{3}{6}$ c) $\frac{5}{10}$ d) $\frac{4}{8}$ e) $\frac{6}{12}$

Q2: a) $\frac{2}{6}$ b) $\frac{3}{9}$ c) $\frac{4}{12}$ d) $\frac{5}{15}$ e) $\frac{6}{18}$

Q3: a) $\frac{4}{6}$ b) $\frac{6}{9}$ c) $\frac{8}{12}$ d) $\frac{10}{15}$ e) $\frac{12}{18}$

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Q1: a) $\frac{1}{4}$ b) $\frac{2}{8}$ c) $\frac{3}{12}$ d) $\frac{4}{16}$ e) $\frac{5}{20}$

Q2: a) $\frac{3}{4}$ b) $\frac{6}{8}$ c) $\frac{8}{12}$ d) $\frac{12}{16}$ e) $\frac{15}{20}$

Q3: a) $\frac{2}{10}$ b) $\frac{3}{15}$ c) $\frac{4}{20}$ d) $\frac{5}{25}$ e) $\frac{6}{30}$

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Q1: a) $\frac{4}{10}$ b) $\frac{6}{10}$ c) $\frac{8}{10}$ d) $\frac{12}{15}$ e) $\frac{9}{15}$

Q2: a) $\frac{2}{5} \times \frac{4}{4} = \frac{8}{20}$ b) $\frac{3}{5} \times \frac{5}{5} = \frac{15}{25}$

c) $\frac{4}{5} \times \frac{6}{6} = \frac{24}{30}$ d) $\frac{4}{5} \times \frac{5}{5} = \frac{20}{25}$

e) $\frac{3}{5} \times \frac{8}{8} = \frac{24}{40}$ f) $\frac{2}{5} \times \frac{10}{10} = \frac{20}{50}$

g) $\frac{3}{5} \times \frac{11}{11} = \frac{33}{55}$ h) $\frac{4}{5} \times \frac{12}{12} = \frac{48}{60}$

i) $\frac{4}{5} \times \frac{15}{15} = \frac{60}{75}$ j) $\frac{3}{5} \times \frac{20}{20} = \frac{60}{100}$

Q3: a) $\frac{1}{5} \times \frac{7}{7} = \frac{7}{35}$ b) $\frac{2}{5} \times \frac{7}{7} = \frac{14}{35}$

c) $\frac{3}{5} \times \frac{7}{7} = \frac{21}{35}$ d) $\frac{4}{5} \times \frac{7}{7} = \frac{28}{35}$

e) $\frac{5}{5} \times \frac{7}{7} = \frac{35}{35}$ f) $\frac{1}{5} \times \frac{9}{9} = \frac{9}{45}$

g) $\frac{2}{5} \times \frac{9}{9} = \frac{18}{45}$ h) $\frac{3}{5} \times \frac{9}{9} = \frac{27}{45}$

i) $\frac{4}{5} \times \frac{9}{9} = \frac{36}{45}$ j) $\frac{5}{5} \times \frac{9}{9} = \frac{45}{45}$

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Q1: a) $\frac{2}{12}$ b) $\frac{10}{12}$ c) $\frac{3}{18}$ d) $\frac{12}{18}$ e) $\frac{20}{24}$

Q2: a) $\frac{1}{6} \times \frac{4}{4} = \frac{4}{24}$ b) $\frac{5}{6} \times \frac{4}{4} = \frac{20}{24}$

c) $\frac{1}{6} \times \frac{6}{6} = \frac{6}{30}$ d) $\frac{1}{6} \times \frac{6}{6} = \frac{6}{36}$

e) $\frac{5}{6} \times \frac{5}{5} = \frac{25}{30}$ f) $\frac{1}{6} \times \frac{7}{7} = \frac{7}{42}$

g) $\frac{5}{6} \times \frac{7}{7} = \frac{35}{42}$ h) $\frac{5}{6} \times \frac{8}{8} = \frac{40}{48}$

i) $\frac{1}{6} \times \frac{8}{8} = \frac{8}{48}$ j) $\frac{5}{6} \times \frac{10}{10} = \frac{50}{60}$

Q3: a) $\frac{1}{6} \times \frac{3}{3} = \frac{3}{18}$ b) $\frac{5}{6} \times \frac{3}{3} = \frac{15}{18}$

c) $\frac{1}{6} \times \frac{9}{9} = \frac{9}{54}$ d) $\frac{5}{6} \times \frac{9}{9} = \frac{45}{54}$

e) $\frac{5}{6} \times \frac{6}{6} = \frac{30}{36}$ f) $\frac{1}{6} \times \frac{10}{10} = \frac{10}{60}$

g) $\frac{5}{6} \times \frac{11}{11} = \frac{55}{66}$ h) $\frac{5}{6} \times \frac{12}{12} = \frac{60}{72}$

i) $\frac{1}{6} \times \frac{12}{12} = \frac{12}{72}$ j) $\frac{5}{6} \times \frac{15}{15} = \frac{75}{90}$

Answers to Equivalent Fractions Book 2

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Q1: a) $\frac{2}{14}$ b) $\frac{4}{14}$ c) $\frac{6}{14}$ d) $\frac{12}{21}$ e) $\frac{15}{21}$

Q2: a) $\frac{1}{7} \stackrel{\times 3}{=} \frac{3}{21}$ b) $\frac{3}{7} \stackrel{\times 3}{=} \frac{9}{21}$

c) $\frac{4}{7} \stackrel{\times 5}{=} \frac{15}{35}$ d) $\frac{6}{7} \stackrel{\times 4}{=} \frac{24}{28}$

e) $\frac{3}{7} \stackrel{\times 6}{=} \frac{18}{42}$ f) $\frac{2}{7} \stackrel{\times 8}{=} \frac{16}{56}$

g) $\frac{5}{7} \stackrel{\times 8}{=} \frac{40}{56}$ h) $\frac{4}{7} \stackrel{\times 10}{=} \frac{40}{70}$

i) $\frac{6}{7} \stackrel{\times 11}{=} \frac{66}{77}$ j) $\frac{3}{7} \stackrel{\times 10}{=} \frac{30}{70}$

Q3: a) $\frac{6}{7} \stackrel{\times 5}{=} \frac{30}{35}$ b) $\frac{2}{7} \stackrel{\times 5}{=} \frac{10}{35}$

c) $\frac{3}{7} \stackrel{\times 5}{=} \frac{15}{35}$ d) $\frac{4}{7} \stackrel{\times 5}{=} \frac{20}{35}$

e) $\frac{5}{7} \stackrel{\times 5}{=} \frac{25}{35}$ f) $\frac{6}{7} \stackrel{\times 7}{=} \frac{42}{49}$

g) $\frac{2}{7} \stackrel{\times 7}{=} \frac{14}{49}$ h) $\frac{3}{7} \stackrel{\times 7}{=} \frac{21}{49}$

i) $\frac{4}{7} \stackrel{\times 7}{=} \frac{28}{49}$ j) $\frac{5}{7} \stackrel{\times 7}{=} \frac{35}{49}$

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Q1: a) $\frac{3}{24}$ b) $\frac{15}{24}$ c) $\frac{9}{24}$ d) $\frac{21}{24}$ e) $\frac{14}{16}$

Q2: a) $\frac{1}{8} \stackrel{\times 2}{=} \frac{2}{16}$ b) $\frac{5}{8} \stackrel{\times 2}{=} \frac{10}{16}$

c) $\frac{3}{8} \stackrel{\times 2}{=} \frac{6}{16}$ d) $\frac{1}{8} \stackrel{\times 3}{=} \frac{3}{24}$

e) $\frac{5}{8} \stackrel{\times 3}{=} \frac{15}{24}$ f) $\frac{1}{8} \stackrel{\times 6}{=} \frac{6}{48}$

g) $\frac{5}{8} \stackrel{\times 6}{=} \frac{30}{48}$ h) $\frac{3}{8} \stackrel{\times 6}{=} \frac{18}{48}$

i) $\frac{7}{8} \stackrel{\times 6}{=} \frac{42}{48}$ j) $\frac{5}{8} \stackrel{\times 10}{=} \frac{50}{80}$

Q3: a) $\frac{1}{8} \stackrel{\times 9}{=} \frac{9}{72}$ b) $\frac{3}{8} \stackrel{\times 9}{=} \frac{27}{72}$

c) $\frac{5}{8} \stackrel{\times 9}{=} \frac{45}{72}$ d) $\frac{7}{8} \stackrel{\times 4}{=} \frac{28}{32}$

e) $\frac{5}{8} \stackrel{\times 4}{=} \frac{20}{32}$ f) $\frac{1}{8} \stackrel{\times 8}{=} \frac{8}{64}$

g) $\frac{3}{8} \stackrel{\times 8}{=} \frac{24}{64}$ h) $\frac{5}{8} \stackrel{\times 8}{=} \frac{40}{64}$

i) $\frac{7}{8} \stackrel{\times 8}{=} \frac{56}{64}$ j) $\frac{5}{8} \stackrel{\times 12}{=} \frac{60}{96}$

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Q1: a) $\frac{4}{8} \stackrel{\div 4}{=} \frac{1}{2}$ b) $\frac{3}{6} \stackrel{\div 3}{=} \frac{1}{2}$

c) $\frac{6}{12} \stackrel{\div 6}{=} \frac{1}{2}$ d) $\frac{8}{16} \stackrel{\div 8}{=} \frac{1}{2}$

Q2: a) $\div 5$ b) $\div 10$ c) $\div 15$ d) $\div 12$ e) $\div 7$

The numerator is half of the denominator or the denominator is twice the numerator.

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Q1: a) $\frac{2}{6} \stackrel{\div 2}{=} \frac{1}{3}$ b) $\frac{4}{6} \stackrel{\div 2}{=} \frac{2}{3}$

c) $\frac{3}{9} \stackrel{\div 3}{=} \frac{1}{3}$ d) $\frac{6}{9} \stackrel{\div 3}{=} \frac{2}{3}$

Q2: a) $\div 5$ b) $\div 5$ c) $\div 10$ d) $\div 8$ e) $\div 7$

Answers to Equivalent Fractions Book 2

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Q1: a) $\frac{2}{8} = \frac{1}{4}$ b) $\frac{6}{8} = \frac{3}{4}$

c) $\frac{4}{16} = \frac{1}{4}$ d) $\frac{12}{16} = \frac{3}{4}$

Q2: a) $\frac{3}{12} = \frac{1}{4}$ b) $\frac{8}{12} = \frac{2}{3}$

c) $\frac{16}{24} = \frac{2}{3}$ d) $\frac{6}{24} = \frac{1}{8}$

e) $\frac{18}{24} = \frac{3}{4}$ f) $\frac{7}{28} = \frac{1}{4}$

g) $\frac{8}{32} = \frac{1}{4}$ h) $\frac{12}{48} = \frac{1}{4}$

i) $\frac{9}{36} = \frac{1}{6}$ j) $\frac{33}{44} = \frac{3}{4}$

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Q1: a) $\frac{2}{10} = \frac{1}{5}$ b) $\frac{4}{10} = \frac{2}{5}$

c) $\frac{6}{10} = \frac{3}{5}$ d) $\frac{8}{10} = \frac{4}{5}$

Q2: a) $\frac{3}{15} = \frac{1}{5}$ b) $\frac{9}{15} = \frac{3}{5}$

c) $\frac{6}{15} = \frac{2}{5}$ d) $\frac{10}{50} = \frac{1}{5}$

e) $\frac{12}{15} = \frac{4}{5}$ f) $\frac{5}{25} = \frac{1}{5}$

g) $\frac{10}{25} = \frac{2}{5}$ h) $\frac{12}{20} = \frac{3}{5}$

i) $\frac{15}{25} = \frac{3}{5}$ j) $\frac{20}{25} = \frac{4}{5}$

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Q1: a) $\frac{2}{12} = \frac{1}{6}$ b) $\frac{10}{12} = \frac{5}{6}$

c) $\frac{4}{24} = \frac{1}{6}$ d) $\frac{20}{24} = \frac{5}{6}$

Q2: a) $\frac{3}{18} = \frac{1}{6}$ b) $\frac{15}{18} = \frac{5}{6}$

c) $\frac{6}{24} = \frac{1}{4}$ d) $\frac{5}{30} = \frac{1}{6}$

e) $\frac{25}{30} = \frac{5}{6}$ f) $\frac{10}{60} = \frac{1}{6}$

g) $\frac{50}{60} = \frac{5}{6}$ h) $\frac{20}{24} = \frac{5}{6}$

i) $\frac{9}{36} = \frac{1}{6}$ j) $\frac{30}{36} = \frac{5}{6}$

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Q1: a) $\frac{2}{14} = \frac{1}{7}$ b) $\frac{2}{16} = \frac{1}{8}$

c) $\frac{2}{18} = \frac{1}{9}$ d) $\frac{2}{20} = \frac{1}{10}$

Q2: a) $\frac{8}{14} = \frac{4}{7}$ b) $\frac{10}{16} = \frac{5}{8}$

c) $\frac{6}{18} = \frac{1}{3}$ d) $\frac{12}{20} = \frac{3}{5}$

e) $\frac{10}{70} = \frac{1}{7}$ f) $\frac{12}{14} = \frac{6}{7}$

g) $\frac{14}{16} = \frac{7}{8}$ h) $\frac{16}{18} = \frac{8}{9}$

i) $\frac{14}{20} = \frac{7}{10}$ j) $\frac{21}{70} = \frac{3}{10}$

Answers to Equivalent Fractions Book 2

Page 16

Q1: a) 100 (one pennies) b) 10 (ten pence)
c) 5 (twenty pence)

Q2: a) Numerator = 25 $\frac{25}{50} \div \frac{25}{25} = \frac{1}{2}$
Denominator = 50

Q3: a) $\frac{20}{25} = \frac{4}{5}$ b) $\frac{20}{40} = \frac{1}{2}$ c) $\frac{15}{50} = \frac{3}{10}$

d) $\frac{35}{50} = \frac{7}{10}$ e) $\frac{50}{75} = \frac{2}{3}$ f) $\frac{25}{75} = \frac{1}{3}$

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Q1: a) $\frac{1}{2} \times \frac{50}{50} = \frac{50}{100}$ b) $\frac{1}{4} \times \frac{25}{25} = \frac{25}{100}$

c) $\frac{1}{5} \times \frac{20}{20} = \frac{20}{100}$ d) $\frac{3}{4} \times \frac{25}{25} = \frac{75}{100}$

e) $\frac{1}{20} \times \frac{5}{5} = \frac{5}{100}$

Q2: Numerator = 20 $\frac{20}{100} \div \frac{20}{20} = \frac{1}{5}$
Denominator = 50

Q3: a) $\frac{20}{100} = \frac{1}{5}$ b) $\frac{50}{200} = \frac{1}{4}$ c) $\frac{50}{100} = \frac{1}{2}$

d) $\frac{50}{300} = \frac{1}{6}$ e) $\frac{75}{100} = \frac{3}{4}$ f) $\frac{50}{400} = \frac{1}{8}$

Page 18

Q1: a) 60 minutes = one hour
b) 24 hours = 1 day
c) 60 seconds = one minute.

Q2: Numerator = 10 days $\frac{10}{30} \div \frac{10}{10} = \frac{1}{3}$
Denominator = 30 days

Q3: a) $\frac{20}{25} = \frac{4}{5}$ b) $\frac{16}{24} = \frac{2}{3}$ c) $\frac{15}{30} = \frac{1}{2}$

d) $\frac{25}{50} = \frac{1}{2}$ e) $\frac{30}{60} = \frac{1}{2}$ f) $\frac{25}{100} = \frac{1}{4}$

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Q1: a) $\frac{1}{2} \times \frac{12}{12} = \frac{12}{24}$ b) $\frac{2}{3} \times \frac{8}{8} = \frac{16}{24}$

c) $\frac{3}{4} \times \frac{6}{6} = \frac{18}{24}$ d) $\frac{5}{6} \times \frac{4}{4} = \frac{20}{24}$

e) $\frac{5}{8} \times \frac{3}{3} = \frac{15}{24}$

Q2: Numerator = 8 hours $\frac{8}{24} \div \frac{8}{8} = \frac{1}{3}$
Denominator = 24 hours days

Q3: a) $\frac{12}{24} = \frac{1}{2}$ b) $\frac{16}{24} = \frac{2}{3}$ c) $\frac{12}{48} = \frac{1}{4}$

d) $\frac{36}{48} = \frac{3}{4}$ e) $\frac{15}{60} = \frac{1}{4}$ f) $\frac{45}{60} = \frac{3}{4}$

Answers to Equivalent Fractions Book 2

Page 20

Q1: a) $10 \text{ mm} = 1 \text{ cm}$ b) $100 \text{ cm} = 1 \text{ m}$
 c) $1000 \text{ m} = 1 \text{ km}$

Q2: a) Numerator = 5 m $\frac{5}{20} \stackrel{\div 5}{=} \frac{1}{4}$
 Denominator = 20 m

Q3: a) $\frac{5}{30} = \frac{1}{6}$ b) $\frac{15}{40} = \frac{3}{8}$ c) $\frac{10}{15} = \frac{2}{3}$

d) $\frac{5}{25} = \frac{1}{5}$ e) $\frac{15}{45} = \frac{1}{3}$ f) $\frac{18}{30} = \frac{3}{5}$

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Q1: a) $\frac{1}{2} \stackrel{\times 50}{=} \frac{50}{100}$ b) $\frac{2}{5} \stackrel{\times 20}{=} \frac{40}{100}$

c) $\frac{3}{4} \stackrel{\times 25}{=} \frac{75}{100}$ d) $\frac{1}{2} \stackrel{\times 500}{=} \frac{500}{1000}$

e) $\frac{1}{5} \stackrel{\times 200}{=} \frac{200}{1000}$

Q2: Numerator = 120 $\frac{120}{500} \stackrel{\div 20}{=} \frac{6}{25}$
 Denominator = 500

Q3: a) $\frac{20}{100} = \frac{1}{5}$ b) $\frac{15}{40} = \frac{1}{4}$ c) $\frac{60}{90} = \frac{2}{3}$

d) $\frac{50}{200} = \frac{1}{4}$ e) $\frac{500}{1000} = \frac{1}{2}$ f) $\frac{500}{2000} = \frac{1}{4}$

Page 22

Q1: a) $1000 \text{ mg} = 1 \text{ g}$ b) $1000 \text{ g} = 1 \text{ kg}$

Q2: a) Numerator = 4 g $\frac{4}{20} \stackrel{\div 4}{=} \frac{1}{5}$
 Denominator = 20 g

Q3: a) $\frac{25}{30} = \frac{5}{6}$ b) $\frac{12}{48} = \frac{1}{4}$ c) $\frac{10}{25} = \frac{2}{5}$

d) $\frac{12}{18} = \frac{2}{3}$ e) $\frac{25}{35} = \frac{5}{7}$ f) $\frac{24}{48} = \frac{1}{2}$

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Q1: a) $\frac{1}{20} \stackrel{\times 5}{=} \frac{5}{100}$ b) $\frac{1}{200} \stackrel{\times 5}{=} \frac{5}{1000}$

c) $\frac{1}{25} \stackrel{\times 4}{=} \frac{4}{100}$ d) $\frac{1}{250} \stackrel{\times 4}{=} \frac{4}{1000}$

e) $\frac{1}{500} \stackrel{\times 2}{=} \frac{2}{1000}$

Q2: Numerator = 100 $\frac{100}{1000} \stackrel{\div 100}{=} \frac{1}{10}$
 Denominator = 1000

Q3: a) $\frac{500}{1000} = \frac{1}{2}$ b) $\frac{500}{2000} = \frac{1}{4}$ c) $\frac{250}{1000} = \frac{1}{4}$

d) $\frac{500}{3000} = \frac{1}{6}$ e) $\frac{750}{1500} = \frac{1}{2}$ f) $\frac{500}{2500} = \frac{1}{5}$

Answers to Equivalent Fractions Book 2

Page 24

Q1: a) $1000 \text{ ml} = 1 \text{ l}$ b) $100 \text{ cl} = 1 \text{ l}$.

Q2: a) Numerator = 16 | $\frac{16 \div 4}{20 \div 4} = \frac{4}{5}$
 Denominator = 20 |

Q3: a) $\frac{24}{33} = \frac{8}{11}$ b) $\frac{15}{45} = \frac{1}{3}$ c) $\frac{13}{39} = \frac{1}{3}$

d) $\frac{20}{45} = \frac{4}{9}$ e) $\frac{25}{75} = \frac{1}{3}$ f) $\frac{30}{45} = \frac{2}{3}$

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Q1: a) $\frac{1}{4} \times \frac{25}{25} = \frac{25}{100}$ b) $\frac{1}{4} \times \frac{250}{250} = \frac{250}{1000}$

c) $\frac{1}{5} \times \frac{20}{20} = \frac{20}{100}$ d) $\frac{1}{5} \times \frac{200}{200} = \frac{200}{1000}$

e) $\frac{1}{8} \times \frac{125}{125} = \frac{125}{1000}$

Q2: Numerator = 200 $\frac{200 \div 5}{1000 \div 5} = \frac{40}{200}$
 Denominator = 1000

Q3: a) $\frac{250}{1000} = \frac{1}{4}$ b) $\frac{25}{100} = \frac{1}{4}$ c) $\frac{250}{2000} = \frac{1}{8}$

d) $\frac{25}{200} = \frac{1}{8}$ e) $\frac{1500}{2000} = \frac{3}{4}$ f) $\frac{25}{150} = \frac{1}{6}$

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Q1: a) $\frac{4}{8} = \frac{1}{2}$ b) $\frac{2}{8} = \frac{1}{4}$ c) $\frac{3}{9} = \frac{1}{3}$

d) $\frac{5}{10} = \frac{1}{2}$ e) $\frac{2}{10} = \frac{1}{5}$ f) $\frac{3}{12} = \frac{1}{4}$

Q2: a) $\frac{31}{56}$ grey b) $\frac{17}{56}$ blue c) $\frac{8}{56} = \frac{1}{7}$ red

Q3: a) $\frac{18}{48} = \frac{3}{8}$ apples b) $\frac{8}{48} = \frac{1}{6}$ oranges

c) $\frac{10}{48} = \frac{5}{24}$ plums d) $\frac{12}{48} = \frac{1}{4}$ pears

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Q1: a) $\frac{1}{2} \times \frac{90}{90} = \frac{90}{180}$ b) $\frac{2}{3} \times \frac{60}{60} = \frac{120}{180}$

c) $\frac{1}{4} \times \frac{45}{45} = \frac{45}{180}$ d) $\frac{1}{2} \times \frac{180}{180} = \frac{180}{360}$

e) $\frac{3}{4} \times \frac{90}{90} = \frac{270}{360}$

Q2: a) $\frac{20}{50} = \frac{2}{5}$ strawberry

b) $\frac{30}{50} = \frac{3}{5}$ chocolate c) $\frac{12}{20} = \frac{3}{5}$ strawberry ice-cream left.

Q3: a) $\frac{180}{360} = \frac{1}{2}$ b) $\frac{90}{360} = \frac{1}{4}$ c) $\frac{270}{360} = \frac{3}{4}$

d) $\frac{90}{360} = \frac{1}{4}$ e) $\frac{180}{360} = \frac{1}{2}$ f) $\frac{270}{360} = \frac{3}{4}$

Answers to Equivalent Fractions Book 2

Page 28

Q1: a) $\frac{3}{6} = \frac{1}{2}$ b) $\frac{4}{8} = \frac{1}{2}$ c) $\frac{5}{10} = \frac{1}{2}$

Q2:

a) $\frac{1}{2} = \frac{12}{24} = \frac{18}{36} = \frac{24}{48} = \frac{30}{60} = \frac{36}{72} = \frac{48}{96} = \frac{60}{120} = \frac{90}{180} = \frac{180}{360}$

b) $\frac{1}{3} = \frac{8}{24} = \frac{12}{36} = \frac{16}{48} = \frac{20}{60} = \frac{24}{72} = \frac{32}{96} = \frac{40}{120} = \frac{60}{180} = \frac{120}{360}$

c) $\frac{1}{4} = \frac{6}{24} = \frac{9}{36} = \frac{12}{48} = \frac{15}{60} = \frac{18}{72} = \frac{24}{96} = \frac{30}{120} = \frac{45}{180} = \frac{90}{360}$

Q3: a) 360° b) $\frac{90}{360} = \frac{1}{4}$ c) $\frac{120}{360} = \frac{1}{3}$

d) $\frac{180}{360} = \frac{1}{2}$ e) $\frac{270}{360} = \frac{3}{4}$

Page 29

Q1: a) $\frac{9}{21} = \frac{3}{7}$ green b) $\frac{7}{21} = \frac{1}{3}$ blue

c) $\frac{5}{21}$ plain

Q2: a) 48 total number of roses b) $\frac{20}{48} = \frac{5}{12}$ red

c) $\frac{12}{48} = \frac{1}{4}$ pink d) $\frac{16}{48} = \frac{1}{3}$ white

Q3: a) 150 total number of shoes

b) $\frac{25}{150} = \frac{1}{6}$ Men's shoes c) $\frac{45}{150} = \frac{3}{10}$ Children's shoes

d) $\frac{50}{150} = \frac{1}{3}$ Women's shoes e) $\frac{30}{150} = \frac{1}{5}$ Sports shoes

Page 30

Q1: a) $\frac{10}{30} = \frac{1}{3}$ striped b) $\frac{14}{30} = \frac{7}{15}$

b) $\frac{14}{30} = \frac{7}{15}$ plain c) $\frac{6}{30} = \frac{1}{5}$ dotted

Q2: Own answers.

Q3: a) $\frac{1}{3} = \frac{6}{18} = \frac{5}{15} = \frac{8}{24} = \frac{15}{45} = \frac{30}{90} = \frac{9}{27} = \frac{12}{36} = \frac{20}{60}$

b) $\frac{1}{2} = \frac{12}{24}$ c) $\frac{1}{4} = \frac{12}{48}$ d) $\frac{1}{8} = \frac{12}{96}$

c) $\frac{5}{6} = \frac{10}{12} = \frac{15}{18} = \frac{20}{24} = \frac{25}{30} = \frac{30}{36} = \frac{35}{42} = \frac{40}{48} = \frac{50}{60}$