Red – Year 5

4 Complete the equivalent fractions.

a) $\frac{1}{7} = \frac{\square}{14}$

b) $\frac{5}{7} = \frac{\square}{14}$

c) $\frac{7}{8} = \frac{14}{\square}$

d) $\frac{3}{4} = \frac{6}{\square}$

e) $\frac{3}{4} = \frac{12}{\square}$

f) $\frac{3}{4} = \frac{\square}{12}$

g) $\frac{2}{\square} = \frac{10}{15}$

h) $\frac{2}{\square} = \frac{10}{25}$

i) $\frac{2}{7} = \frac{10}{\square}$

j) Describe the pattern in parts g), h) and i) to a partner.

5 Find three ways to make the fractions equivalent.

a) $\frac{1}{\square} = \frac{7}{\square}$

$\frac{1}{\square} = \frac{7}{\square}$

$\frac{1}{\square} = \frac{7}{\square}$

b) $\frac{7}{\square} = \frac{14}{\square}$

$\frac{7}{\square} = \frac{14}{\square}$

$\frac{7}{\square} = \frac{14}{\square}$

c) $\frac{\square}{7} = \frac{\square}{14}$

$\frac{\square}{7} = \frac{\square}{14}$

$\frac{\square}{7} = \frac{\square}{14}$

6 Ron is finding equivalent fractions to $\frac{1}{4}$

$\frac{1}{4}$ is equivalent to $\frac{5}{8}$ and $\frac{9}{12}$

Do you agree with Ron?

Draw a diagram to support your answer.

Compare answers with a partner.

7 Here are some equivalent fractions.

Find the values of A, B and C.

$\frac{A}{9}$ $\frac{3}{B}$ $\frac{2}{18}$ $\frac{C}{90}$

8 Here are three fraction cards.

All the fractions are equivalent.

$\frac{3}{A}$ $\frac{B}{14}$ $\frac{12}{C}$

A + B = 13

Work out the value of C.

9 $\frac{1}{5} = \frac{3}{1 + \bullet}$

Find the value of $\bullet$