Right or wrong?

Challenge

Sort these fraction calculations into two groups: those with the right answer and those with the wrong answer.

Explain your reasoning as to why each calculation is right or wrong.

$$\frac{4}{9} + \frac{3}{9} = \frac{7}{9}$$

$$\frac{3}{10} + \frac{5}{10} = \frac{8}{20}$$

$$\frac{3}{5} \times 20 = 12$$

$$\frac{11}{12} - \frac{3}{12} = \frac{7}{12}$$

$$\frac{2}{3} \times 18 = 9$$

$$\frac{5}{8} - \frac{3}{8} = \frac{1}{4}$$

$$\frac{5}{8} + \frac{1}{8} = \frac{3}{4}$$

Think about ...

Remember the rules for adding, subtracting and multiplying with fractions.

Think about equivalent fractions.

What if?

For each wrong calculation, work out the right answer.

Show all your working.

Choose any two calculations. Draw a diagram to represent each calculation.

When you've finished, turn to page 80.