

**Y6 – Spring – Block 1 – Step 4 – Ratio and fractions Answers**

Question	Answer
1	a) 3 : 5 b) 5 : 3 c) $\frac{5}{8}$ d) $\frac{3}{8}$ The two fractions add up to 1
2	a) $\frac{3}{5}$ b) $\frac{2}{5}$ c) 3 : 2 d) 2 : 3 The two numbers in the ratio add up to the denominator in the fractions. The two fractions add up to 1
3	a) $\frac{5}{6}$ b) $\frac{1}{6}$ c) 5 : 1 d) 1 : 5
4	a) $\frac{4}{10}$ or $\frac{2}{5}$ b) $\frac{6}{10}$ or $\frac{3}{5}$ c) 6 : 4 or 3 : 2 d) 4 : 6 or 2 : 3 There are two different possible answers for each part.
5	a) $\frac{1}{8}$ b) $\frac{3}{8}$ c) $\frac{4}{8}$ or $\frac{2}{4}$ or $\frac{1}{2}$ The denominator of the fractions is equal to sum of the numerators.
6	Rosie There are 5 cubes in total and 2 of the cubes are brown.
7	2 : 6
8	5 : 3
9	a) He has 5 strawberries for every 1 lime. b) $\frac{5}{6}$ c) $\frac{1}{6}$