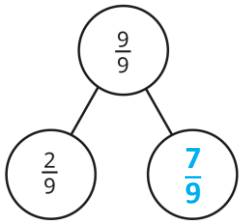
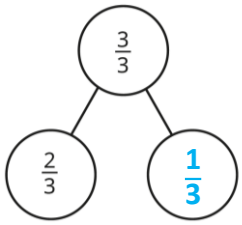
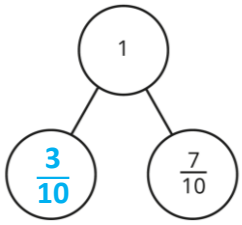
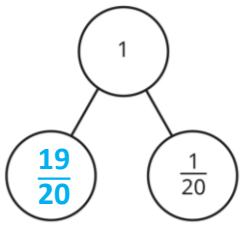
Y3 – Summer – Block 1 – Step 3 – Partition the whole Answers

Question	Answer
1	a) $\frac{2}{5}$ of the bar model is shaded. $\frac{3}{5}$ of the bar model is **not** shaded. As a fraction, the whole is $\frac{5}{5}$ b) $\frac{4}{7}$ of the bar model is shaded. $\frac{3}{7}$ of the bar model is **not** shaded. As a fraction, the whole is $\frac{7}{7}$ c) $\frac{4}{9}$ of the bar model is shaded. $\frac{5}{9}$ of the bar model is **not** shaded. As a fraction, the whole is $\frac{9}{9}$
2	a) $\frac{1}{6}+\frac{5}{6}=\frac{6}{6}$ $\quad\frac{1}{6}+\frac{5}{6}=1$ b) $\frac{3}{7}+\frac{4}{7}=\frac{7}{7}$ $\quad\frac{3}{7}+\frac{4}{7}=1$ c) $\frac{3}{5}+\frac{2}{5}=\frac{5}{5}$ $\quad\frac{3}{5}+\frac{2}{5}=1$ d) $\frac{2}{8}+\frac{5}{8}+\frac{1}{8}=\frac{8}{8}$ $\quad\frac{2}{8}+\frac{5}{8}+\frac{1}{8}=1$

Y3 – Summer – Block 1 – Step 3 – Partition the whole Answers (continued)

Question	Answer
3	a)  b)  c)  d) 
4	a) $\frac{4}{5}$ b) $\frac{3}{7}$ c) $\frac{5}{8}$ d) $\frac{1}{9}$ e) $\frac{7}{10}$ f) $\frac{53}{100}$ g) $\frac{4}{7}$ h) multiple possible answers, e.g. $\frac{1}{9}+\frac{4}{9}$, $\frac{2}{9}+\frac{3}{9}$, $\frac{3}{9}+\frac{2}{9}$, $\frac{4}{9}+\frac{1}{9}$
5	$\frac{3}{4}$
6	$\frac{5}{8}$

Y3 – Summer – Block 1 – Step 3 – Partition the whole Answers (continued)

Question	Answer
7	Yes $\frac{7}{25} + \frac{9}{25} + \frac{9}{25} = \frac{25}{25} = 1$