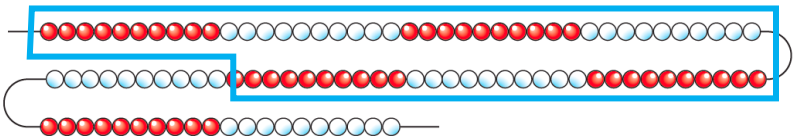
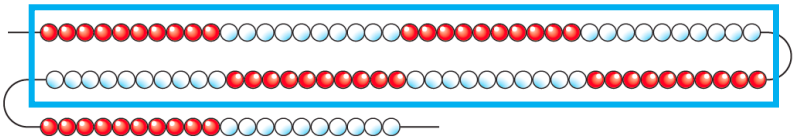
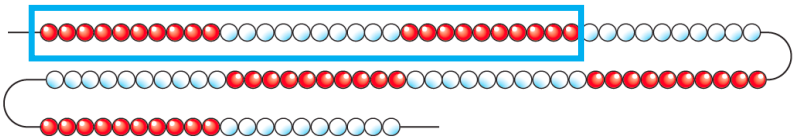
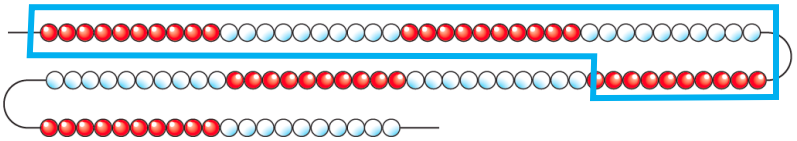
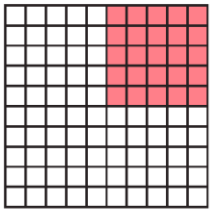
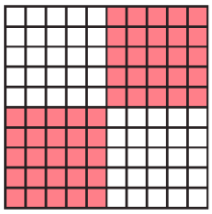
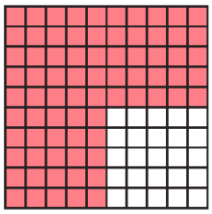
Y5 – Spring – Block 3 – Step 15 – Equivalent fractions, decimals and percentages Answers

Question	Answer
1	a) $\frac{4}{10}$ b) 0.4 c) 40%
2	a)  b)  c)  d) 

Y5 – Spring – Block 3 – Step 15 – Equivalent fractions, decimals and percentages Answers (continued)

Question	Answer
3	a)

Hundred square	Fraction	Decimal	Percentage
	$\frac{1}{4}$	0.25	25%
	$\frac{1}{2}$	0.5	50%
	$\frac{3}{4}$	0.75	75%

Students may have written the fractions in different forms, e.g. $\frac{25}{100}$, $\frac{50}{100}$ and $\frac{75}{100}$

b)

Quarters	Hundredths	Decimal
$\frac{1}{4}$	$\frac{25}{100}$	0.25
$\frac{2}{4}$	$\frac{50}{100}$	0.5
$\frac{3}{4}$	$\frac{75}{100}$	0.75

Question	Answer
4	a) 1 whole = **100**% $\frac{1}{2}$ = **50**% $\frac{1}{5}$ = **20**% $\frac{1}{10}$ = **10**% b) $\frac{1}{5}$ = **0.2** = **20**% $\frac{2}{5}$ = **0.4** = **40**% $\frac{3}{5}$ = **0.6** = **60**% $\frac{4}{5}$ = **0.8** = **80**% $\frac{5}{5}$ = **1** = **100**% c) $\frac{1}{10}$ = **0.1** = **10**% $\frac{3}{10}$ = **0.3** = **30**% $\frac{7}{10}$ = **0.7** = **70**% $\frac{9}{10}$ = **0.9** = **90**%
5	60%
6	Class 5 $\frac{1}{5}$ = 20%, which is less than 25%.
7	a) 10% b) the number of children
8	0.125 0.375