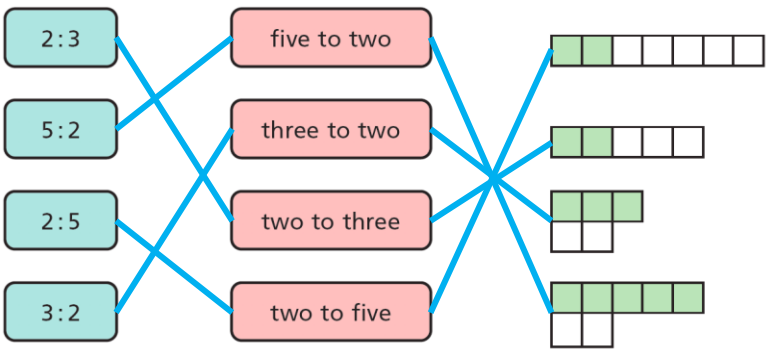
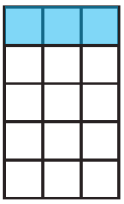
Y6 – Spring – Block 6 – Step 3 – Introduction to the ratio symbol Answers

Question	Answer
1	For every 2 red (R) counters, there are **5** yellow (Y) counters. The ratio of red counters to yellow counters to yellow counters is **2** : **5** For every **5** yellow counters, there are **2** red counters. The ratio of yellow counters to red counters to yellow counters is **5** : **2**
2	a) For every 4 red counters, there are 10 yellow counters. For every 2 red counters, there are 5 yellow counters. For every 10 yellow counters, there are 4 red counters. For every 5 yellow counters, there are 2 red counters. b) 4 : 10 or 2 : 5 c) 10 : 4 or 5 : 2
3	Mo For every 5 purple cubes, there are 4 yellow cubes.
4	The ratio of counters to marbles is **5** : **4** The ratio of marbles to cubes is **4** : **3** The ratio of cubes to counters is **3** : **5** The ratio of counters to cubes is **5** : **3** The ratio of counters to cubes to marbles is **5** : **3** : **4**
5	
6	a) squares For every 1 triangle, there are 3 squares. b) multiple possible answers, e.g. 3 triangles and 9 squares
7	a) 1 : 3 b) It has stayed the same. There are still 3 rulers for every 1 pencil.
8	child's drawing of 10 chickens

Y6 – Spring – Block 6 – Step 3 – Introduction to the ratio symbol Answer (continued)

Question	Answer
9	a) b) c)