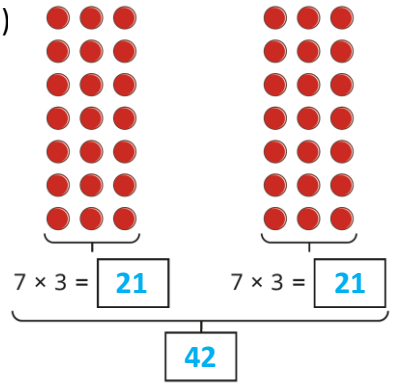
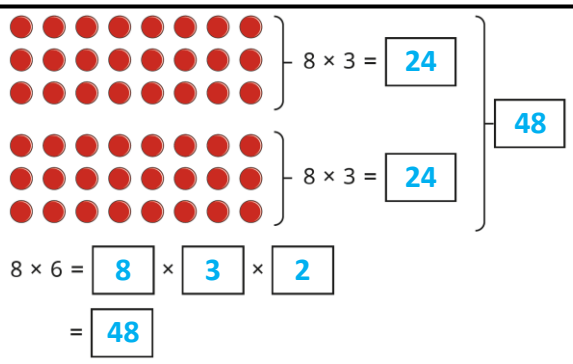
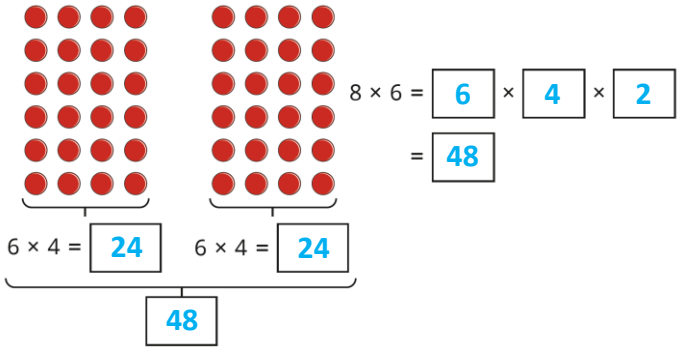
Y4 – Spring – Block 1 – Step 2 – Use factor pairs Answers

Question	Answer
1	a) 42 b)  c) They are the same. d) $7 \times 6 = 7 \times 3 \times 2$
2	a)  b) 
3	a) $4 \times 6 = 4 \times 3 \times 2 = 24$ b) $7 \times 9 = 7 \times 3 \times 3 = 63$
4	78
5	multiple possible answers, e.g. a) $12 \times 7 = 2 \times 6 \times 7 = 2 \times 42 = 84$ b) $16 \times 5 = 4 \times 4 \times 5 = 4 \times 20 = 80$ Children may have chosen different factor pairs.
6	120

Y4 – Spring – Block 1 – Step 2 – Use factor pairs Answers (continued)

Question	Answer
7	a) Tiny has partitioned 18 into 10 and 8, instead of using a factor pair of 18 b) 126
8	12×3 or 6×6 or 18×2
9	$18 \times 8 = 3 \times 6 \times 2 \times 4 = 3 \times 4 \times 2 \times 6 = 12 \times 12 = 144$