<u>Y3 – Spring – Block 1 – Step 5 – Multiply a 2-digit number by a 1-digit number – with exchange</u> <u>Answers</u>

Question	Answer
1	$5 \times 3 \text{ ones} = 15$ $5 \times 2 \text{ tens} = 100$ 15 + 100 = 115 $5 \times 23 = 115$ There are 115 marbles in total.
2	$4 \times 5 = 20$ $4 \times 10 = 40$ 20 + 40 = 60 $4 \times 15 = 60$
3	a) $3 \times 4 = 12$ $3 \times 20 = 60$ 12 + 60 = 72 $3 \times 24 = 72$ b) $4 \times 5 = 20$ $4 \times 30 = 120$ 20 + 120 = 140 $35 \times 4 = 140$
4	a) 96 b) 51 c) 75 d) 136 e) 125 f) 210 g) 130 h) 144
5	a) $22 \times 4 = 88$ b) $31 \times 4 = 124$
6	 a) multiple possible answers, e.g.: 45 × 3 = 135 b) multiple possible answers: odd product: both numbers odd even product: one or both numbers even exchange in the ones column: product of last two digits > 10 and answer < 100 exchange in the both columns: product of last two digits > 10 and answer > 100