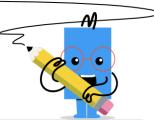# Multiplication - Whole Number 3 x 2 - Breakout

1 How can you multiply 203 by 26 by breaking 26 apart	203 x 26	**2** How can you multiply 302 by 24 by breaking 24 apart	302 x 24
A	B	A	B
$(203 \times 20) \times (203 \times 6)$	$(203 \times 20) + (203 \times 6)$	$(302 + 20) \times (302 + 4)$	$(302 \times 20) + (302 \times 4)$

3 How can you multiply 350 by 14 by breaking 14 apart	350 x 14	**4** How can you multiply 541 by 14 by breaking 14 apart	541 x 14
A	B	A	B
$(350 \times 10) + (350 \times 4)$	$(350 \times 10) + (350 \times 0)$	$(541 \times 10) \times (541 \times 4)$	$(541 \times 10) + (541 \times 4)$

5 How can you multiply 516 by 24 by breaking 24 apart	516 x 24	**6** How can you multiply 506 by 24 by breaking 24 apart	506 x 24
A	B	A	B
$(516 \times 20) \times (516 \times 4)$	$(516 \times 20) + (516 \times 4)$	$(506 \times 20) + (506 \times 4)$	$(506 + 20) \times (506 + 4)$

7 How can you multiply 525 by 15 by breaking 15 apart	525 x 15	**8** How can you multiply 535 by 13 by breaking 13 apart	535 x 13
A	B	A	B
$(525 + 10) \times (525 + 5)$	$(525 \times 10) + (525 \times 5)$	$(535 + 10) \times (535 + 3)$	$(535 \times 10) + (535 \times 3)$