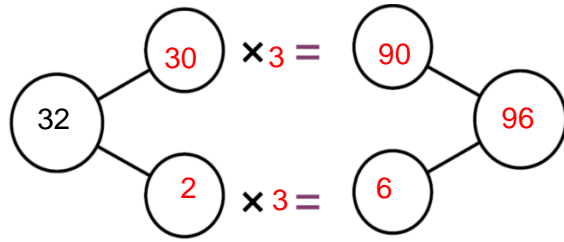


Multiplication regrouping – Answers

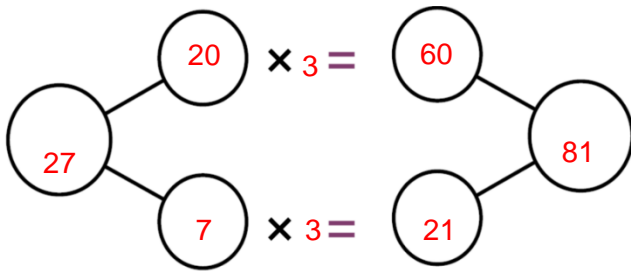
REHEARSE

Tens	Ones



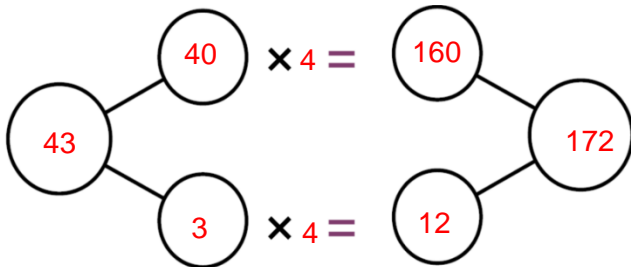
3 groups of 2 ones is 6 ones. 3 groups of 3 tens is 9 tens. 9 tens is equal to 90.
3 groups of 32 is $90 + 6 = 96$.

Complete the regrouping diagram to match the calculation: 27×3

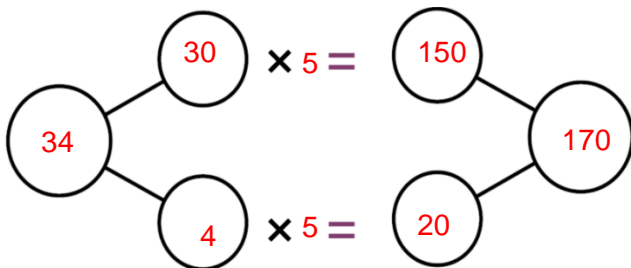


3 groups of 7 ones is 21 ones.
3 groups of 2 tens is 6 tens.
6 tens is equal to 60.
3 groups of 27 is $60 + 21 = 81$.

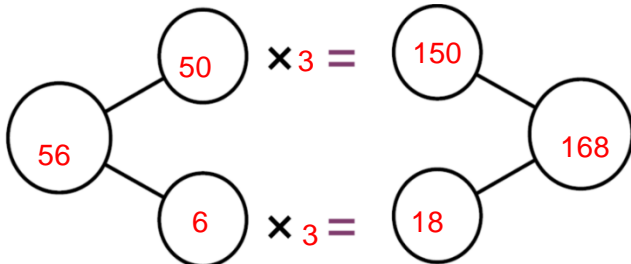
Complete the regrouping diagram to match the calculation:



43×4
4 groups of 3 ones is 12 ones.
4 groups of 4 tens is 16 tens.
16 tens is equal to 160.
4 groups of 43 is $160 + 12 = 172$.



34×5
5 groups of 34 is $150 + 20 = 170$.



56×3
3 groups of 56 is $150 + 18 = 168$.

APPLY AND EXPLORE

Can you work out what the calculation was? Explain how you know. $39 \times 3 = 117$
 $\underline{\quad} \times 3 = 90$ must be 30×3 . $\underline{\quad} \times 3 = 27$ must be 9 so the calculation is 39×3 .

Multiplication regrouping – Answers

APPLY AND EXPLORE

Record 3 different ways that you could calculate 46×4 .

$$40 \times 4 = 160$$

$$6 \times 4 = 24$$

$$160 + 24 = 184$$

$$46 \times 2 = 92$$

$$92 \times 2 = 184$$

$$50 \times 4 = 200$$

$$4 \times 4 = 16$$

$$200 - 16 = 184$$