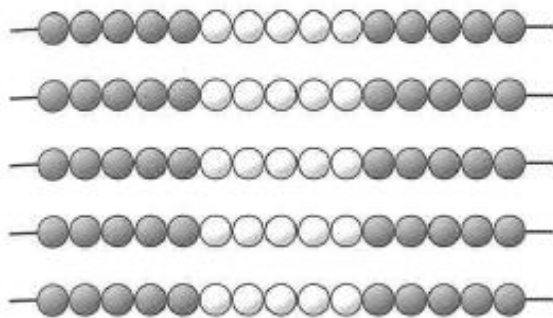


Multiplying more than two numbers **2**

1 How many beads are there in total?



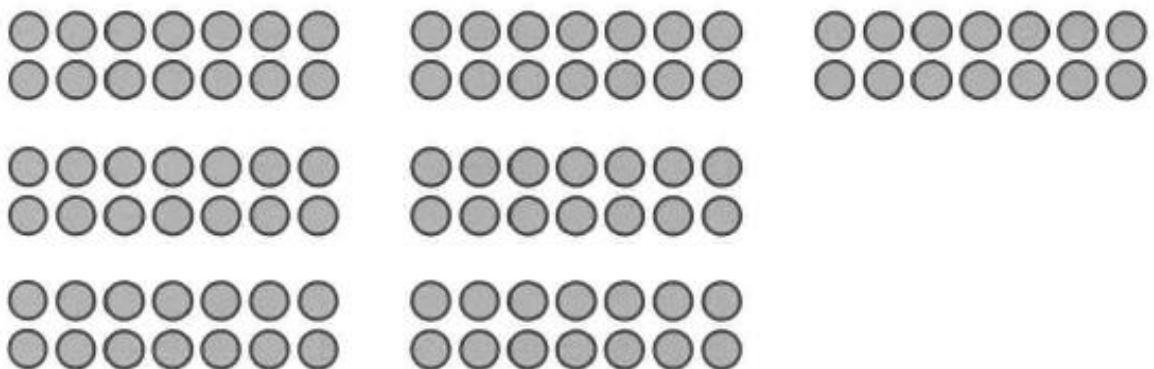
$$\square \times \square \times \square$$

$$\square \times \square = \square$$

$$\square \times \square = \square$$

There are beads in total.

2 How many counters are there in total?



$$\square \times \square \times \square = \square$$

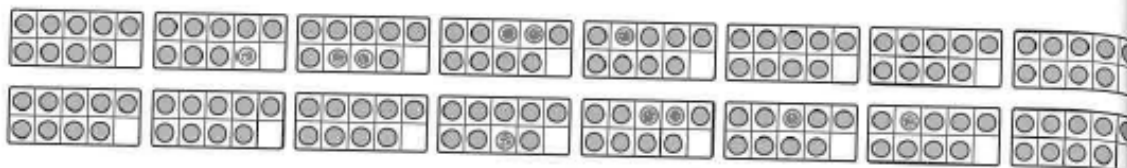
There are counters in total.

Explain how you worked out how many counters there are in total.

First I _____

Then I _____

3



a) Use the ten frames to explain why 16×9 is equal to $2 \times 8 \times 9$.

b) How many counters are there in total?



There are counters in total.

4

Andy and Reena are trying to work out 15×8 .



Andy says that 15×8 is the same as $5 \times 3 \times 8$.

Reena says that $5 \times 3 \times 8$ is the same as 40×3 .

Explain why Andy and Reena are both correct.

Andy is correct because _____

Reena is correct because _____

5 Complete the method for working out 35×16 .

35 is equal to $5 \times$

16 is equal to $2 \times$

So, I can work out 35×16 by _____

_____.

6 a) Find the answer to this calculation:

$$6 \times 2 \times 3 \times 5 \times 4 \times 5 = \text{$$

b) Explain why this is the same as $12 \times 15 \times 20$.



CHALLENGE

Reflect

Show why $3 \times 4 \times 6$ is the same as $4 \times 3 \times 6$.



