RECALL

Double these numbers:

9 25

260 18

Halve these numbers:

24 32

250 4500

What strategies are you using???

L.O. TO DOUBLE AND HALVE NUMBERS AND USE DERIVED NUMBER FACTS TO HELP.

- SOME WILL EVEN: Use derived facts to manipulate numbers and make sums easier to calculate.
- SOME WILL: Use and apply halving and doubling to other sums.
- MOST WILL: Use bar model to halve and double repeatedly.
- ALL WILL: Use partitioning to halve (numicon, place value counters etc.)

GUIDED PRACTICE

https://classroom.thenational.academy/lessons/doubling-and-halving-strategies-65hpac

16 × 4	10 000 ÷ 4	130 × 8	480 ÷ 8
625 × 8	45 × 4	720 ÷ 8	9000 ÷ 4

help

Intelligent Practice

Draw a bar model and use to complete these sums:

120 x 2 =	960 ÷ 8 =
120 x 4 =	960 ÷ 4 =
120 x 8 =	960 ÷ 2 =

120 ÷ 15 = My strategy!

210 ÷ 35 = My strategy!

550 ÷ 25 = My strategy!

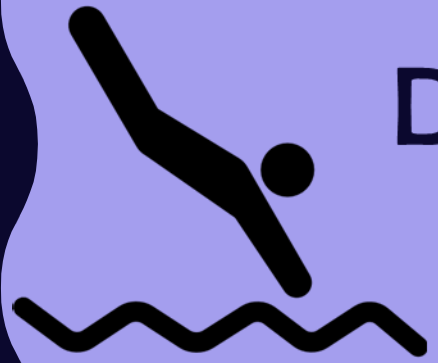
145 ÷ 5 = My strategy!

435 ÷ 5 = My strategy!

2350 ÷ 50 = My strategy!

How could you use a bar model to solve this sum???

90 ÷ 5 =



DIVE DEEPER 1

Strategy - Halve and then multiply by ten

Use the bar model to try to explain how this strategy works.
Complete the bar model using the three examples

$24 \times 10 = 48 \times 5$

$6 \times 10 = 12 \times 5$

$9 \times 10 = 18 \times 5$