

CHECKING 47×10 ON THE CHART

- Someone wrote 47.0 for 47×10 by adding a point and zero but leaving the digits still. That is wrong.
- Watch the place-value chart: the **4** slides from the tens column into the hundreds column.
- The **7** slides from the units column into the tens column and a zero fills the empty units place.
- The answer is **470**. Say it aloud first (four hundred and seventy) then match it to the chart.

WARM-UP

Write each product on the place-value mat, one digit per cell.

Th	H	T	U	t

- Write the digits of 280 (the product of 28×10) one per cell
- Write the digits of 6000 (the product of 6×1000) one per cell
- Write the digits of 56 (the product of 5.6×10) one per cell

PRACTICE

- A greengrocer stacks **35** bags of potatoes. For the weekend market he needs **10** times as many bags. How many bags must he order?
- One shelf in the shop holds **6** jars of honey. The owner wants **10** full shelves. How many jars is that in total?
- A bakery packs **28** fresh scones into each large box. They send out **100** boxes to cafes. How many scones leave the bakery?
- Eggs are sold in trays of **8**. A supermarket orders **1000** trays for its food halls. How many eggs are in the order?

SPOT THE MISTAKE

Sean works out 0.6×100 like this:

$$0.6 \times 100 = 0.600$$

Sean is wrong. What is the correct answer? Explain.

IRISH FACT

Croke Park capacity

Croke Park can hold **82,300 spectators** — one of the **largest stadiums in Europe** and the biggest sports stadium in Ireland.

GAA / Croke Park

