

MULTIPLY 0.3 BY 1000

- 1 Write 0.3 on the place-value chart with 3 in the tenths column.
- 2 Move each digit three columns left: the 3 lands in the hundreds column.
- 3 A zero fills the units column so the answer is 300.

WARM-UP

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

U	t	h

1. Write 3.6 and its product after $\times 10$
2. Write 0.8 and its product after $\times 100$
3. Write 0.5 and its product after $\times 1000$

PRACTICE

- 1 One jelly sweet costs **2.4 cent**. A pack of ten costs the shop how many cent? _____
- 2 One jelly sweet costs **0.4 cent**. A box of one hundred costs the shop how many cent? _____
- 3 A shop has **45 euro** worth of sweets. One hundred packs cost how many euro each?
- 4 One jelly sweet costs **0.9 cent**. A crate of one thousand costs the shop how many cent? _____
- 5 One jelly sweet costs **0.07 cent**. A pack of one hundred costs the shop how many cent? _____

? ALWAYS, SOMETIMES, NEVER

Always, sometimes or never true? Write A, S or N.

- | | |
|--|---|
| <p>a. When you multiply 4.5 by 10 the digit 4 moves from units to tens. <input type="text"/></p> <p>b. Dividing 0.3 by 100 moves the decimal point two places left. <input type="text"/></p> | <p>c. Multiplying a decimal less than 1 by 1000 gives a whole number. <input type="text"/></p> <p>d. The digit in the tenths column moves to the units column when you multiply by 10. <input type="text"/></p> |
|--|---|