

PLACE A DECIMAL IN COLUMNS

- 1 Write 0.027 in the place-value chart: units . tenths hundredths thousandths.
- 2 The 0 is in units, 0 in tenths, 2 in hundredths and 7 in thousandths.
- 3 Underline the thousandths digit: 7.

WARM-UP

Write the value of the underlined digit in words.

Value of the underlined digit	
a. 4. <u>5</u> 82	
b. 3.6 <u>7</u> 1	
c. 0.09 <u>4</u>	
d. <u>2</u> .458	

PRACTICE

- 1 A jug holds **0.4 litres** of water.
Write what each digit after the decimal point is worth.
- 2 A pencil case is **0.27 metres** long.
Write what each digit after the decimal point is worth.
- 3 A bag of rice weighs **0.3 kilograms**.
Write what each digit after the decimal point is worth.
- 4 A science beaker holds **0.305 litres** of water.
Write what each digit after the decimal point is worth.
- 5 A small paper clip weighs **0.001 kilograms**.
Write what each digit after the decimal point is worth.

ALWAYS, SOMETIMES, NEVER

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

- a. A digit in the thousandths column is worth that many thousandths.
- b. A zero in the hundredths column means the number has no hundredths.
- c. A decimal with three digits after the point is bigger than one with two digits after the point.
- d. Writing 0.4 as 0.400 changes its value.