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## END-OF-UNIT TEST – STAGE 6

### UNIT 1: THE NUMBER SYSTEM

- 1 Complete the place value diagrams.

$$27.515 \longrightarrow \boxed{20} + \boxed{\phantom{00}} + \boxed{0.5} + \boxed{\phantom{00}} + \boxed{\phantom{00}}$$

$$-75.349 \longrightarrow \boxed{-70} - \boxed{\phantom{00}} - \boxed{\phantom{00}} - \boxed{0.04} - \boxed{0.009}$$

- 2 Write the missing number.

$$29.005 = 29 + \frac{5}{\boxed{\phantom{00}}}$$

- 3 a What is 7.29 to the nearest tenth? \_\_\_\_\_  
b What is 9.47 to the nearest whole number? \_\_\_\_\_
- 4 Class 6 raised \$86.95 for charity.

A local newspaper reported their success.

Fill in the space with a sensible amount for the headline.

Class 6 at Newtown School raised  
nearly \$ ..... for charity.

Explain your answer.

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- 5 Draw a ring around the number in which the 5 represents a value 10 times bigger than the value of the 5 in the number 0.345.

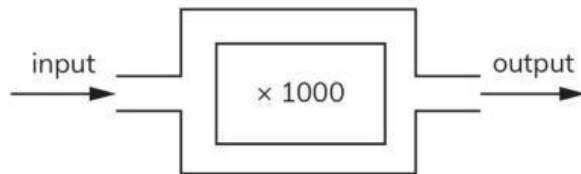
34.56

5.463

6.453

56.34

- 6 Pierre puts some numbers into a function machine.
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Complete the table to show his results.

| In    | Out  |
|-------|------|
| 1.5   | 1500 |
| 45.79 |      |
| 0.04  |      |
|       | 654  |

- 7 Milly divides a number by 10, then again by 10.

Her answer is 0.009

What number did she start with? \_\_\_\_\_

- 8 Maryam says, '8.98 is 9 when rounded to the nearest whole number and the nearest tenth.'

Is Maryam correct? Explain your answer.

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