

## Rounding L2

1. Round these numbers to the nearest ten

**63    846    5839    8**

2. Round to the degree of accuracy in parenthesis

a. **0.0543** (two decimal places) \_\_\_\_\_

b. **59.995** (nearest whole) \_\_\_\_\_

c. **9837.2753** (thousandth) \_\_\_\_\_

d. **83.4** (unit) \_\_\_\_\_

3. What is the closest ten thousand to **936782**? \_\_\_\_\_

4. Write the number that corresponds to the process in the flow chat diagram for rounding numbers

Leave target digit the same (round down)

Change numbers right of target digit to 0

Leave numbers left of target digit the same

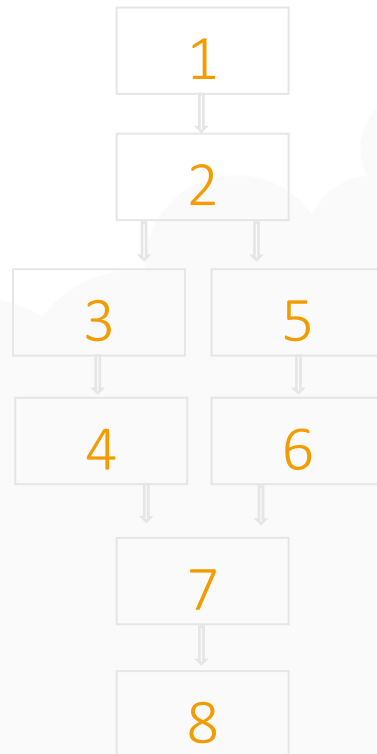
If less than 5 (weak digit)

Identify the target digit **1**

Add 1 to target number (round up)

Test the next digit

If up to 5 (strong digit)



5. **8156.9807** has been rounded differently. Draw lines to match degree of accuracy to the correct estimate.

Tenth

**8000**

Hundred

**8156.981**

Thousand

**8157**

1000

**8200**

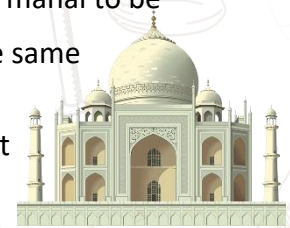
0.001

**8000**

1

**8157.0**

6. Isioma measures the height of the Taj mahal to be **7331.2cm**. Ingrid is measuring the same building but his measuring device is calibrated in tens. What measurement is Ingrid likely to get?



7. Write **108.835** correct to two significant figures

8. Sum the decimals correct to two significant places

$$7.14 + 0.70 + 0.9 + 0.071$$

9. Calculate the perimeter of the rectangle to 1 d.p accuracy

