



# Maths

## Fractions

# Round It



# Aim

- I can round a decimal number.

# Success Criteria

- I can place a decimal number on a number line.
- I can round a decimal number to the nearest whole number.

# Group It



~~Less than three~~  
~~Less than four~~  
quarters



~~Greater than three~~  
~~Greater than four~~  
quarters

# Group It



Can you find anyone else with a card equivalent to yours?

$$\frac{3}{10} \quad \frac{30}{100} \quad 0.3$$

$$\frac{3}{4} \quad \frac{75}{100} \quad 0.75$$

$$\frac{1}{4} \quad \frac{25}{100} \quad 0.25$$

$$\frac{77}{100} \quad 0.77$$

$$\frac{18}{100} \quad 0.18$$

$$\frac{54}{100} \quad 0.54$$

$$\frac{96}{100} \quad 0.96$$

$$\frac{5}{10} \quad \frac{50}{100} \quad 0.5 \quad \frac{1}{2}$$

$$\frac{1}{10} \quad \frac{10}{100} \quad 0.1$$

$$\frac{7}{10} \quad \frac{70}{100} \quad 0.7$$

$$\frac{4}{10} \quad \frac{40}{100} \quad 0.4$$

# Group It



Can you put yourselves in order to create a number line?

$$\frac{3}{10} \quad \frac{30}{100} \quad 0.3$$

$$\frac{3}{4} \quad \frac{75}{100} \quad 0.75$$

$$\frac{1}{4} \quad \frac{25}{100} \quad 0.25$$

$$\frac{77}{100} \quad 0.77$$

$$\frac{18}{100} \quad 0.18$$

$$\frac{54}{100} \quad 0.54$$

$$\frac{96}{100} \quad 0.96$$

$$\frac{5}{10} \quad \frac{50}{100} \quad 0.5 \quad \frac{1}{2}$$

$$\frac{1}{10} \quad \frac{10}{100} \quad 0.1$$

$$\frac{7}{10} \quad \frac{70}{100} \quad 0.7$$

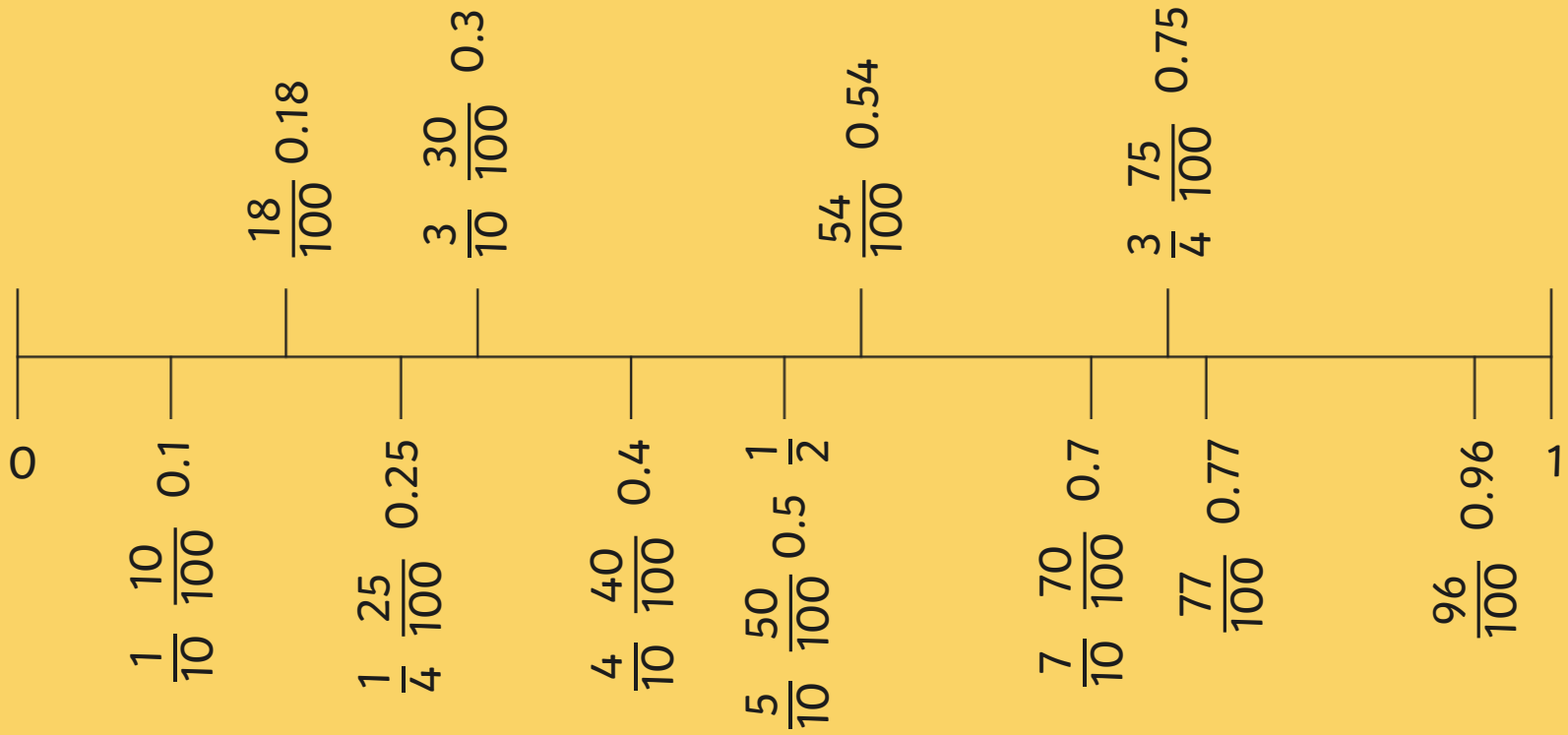
$$\frac{4}{10} \quad \frac{40}{100} \quad 0.4$$



# Group It



Can you put yourselves in order to create a number line?





# Rounding



When we are rounding numbers to the nearest 10, how do we know whether to round up or down?

5 is the golden number.



If the ones digit is less than 5, we round down.

If the ones digit is 5 or greater, we round up.



# Rounding



For each number, we have to identify the multiples of 10 below and above it. If we are rounding 32 to the nearest 10, what would the multiples of 10 above and below it be?



What would the golden number be?

Where would 32 be on the number line?

What is 32 rounded to the nearest 10?

32 rounded to the nearest 10 is 30.

# Rounding



What is 8 rounded to the nearest 10?



# Rounding



What is 24 rounded to the nearest 10?



# Rounding



What is 65 rounded to the nearest 10?

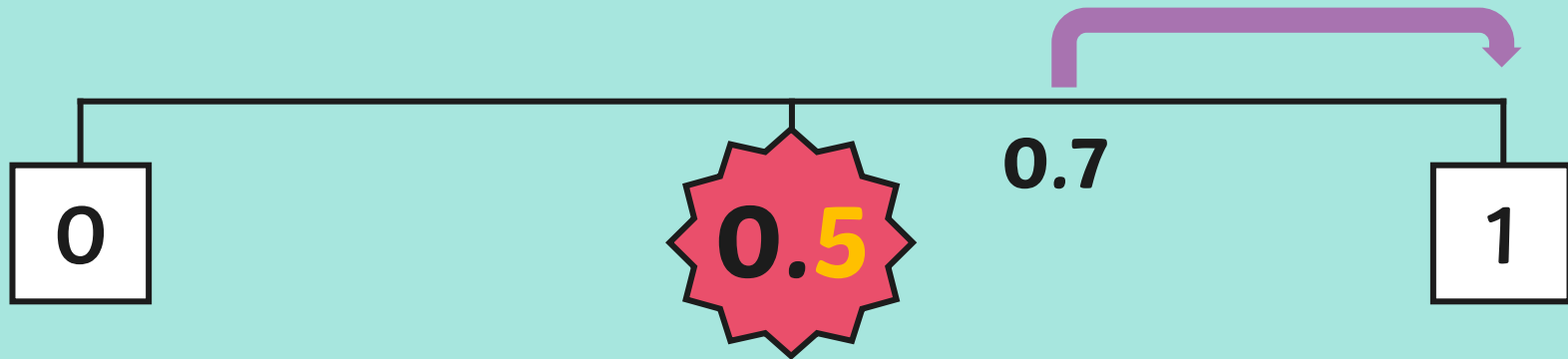


# Rounding To Whole Numbers



When we round numbers with one decimal place, 5 is still the golden number but now we look at the tenths digit instead of the ones.

Where would 0.7 be on the number line?



0.7 rounded to the nearest whole number is 1.

# Rounding To Whole Numbers



For each number, we have to identify the integers below and above it. If we are rounding 2.7 to the nearest whole number, what would the integers above and below it be?

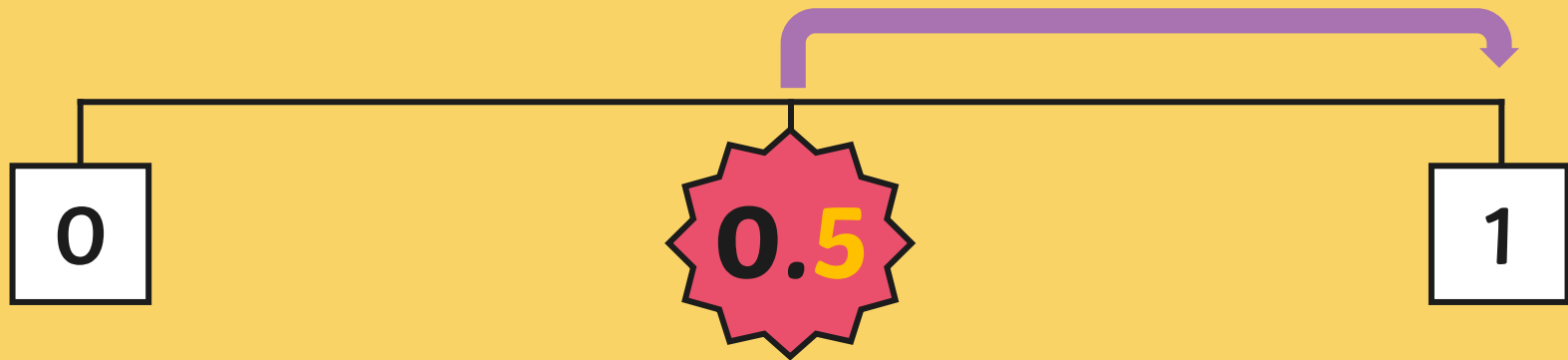


What would the golden number be?  
Where would 2.7 be on the number line?  
What is 2.7 rounded to the nearest whole number?  
2.7 rounded to the nearest whole number is 3.

# Rounding To Whole Numbers



What is 0.5 rounded to the nearest whole number?





# Rounding To Whole Numbers



What is 6.4 rounded to the nearest whole number?



# Rounding To Whole Numbers



What is 45.1 rounded to the nearest whole number?



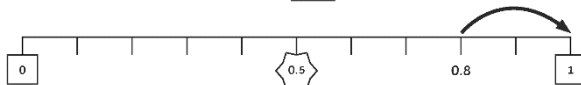
# Rounding Decimals



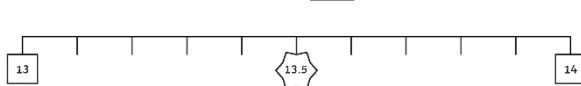
## Rounding Decimals

Complete the rounding number lines to help you to round the numbers to the nearest whole number.

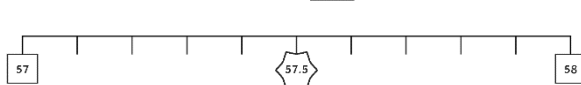
1. 0.8 rounded to the nearest whole number is



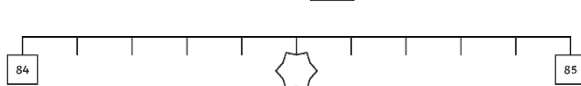
2. 13.6 rounded to the nearest whole number is



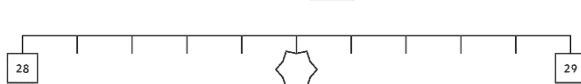
3. 57.2 rounded to the nearest whole number is



4. 84.4 rounded to the nearest whole number is



5. 28.1 rounded to the nearest whole number is



## Rounding Decimals

the nearest whole number.

nearest whole number is

nearest whole number is

nearest whole number is

nearest whole number is

nearest whole number is

nearest whole number is

nearest whole number is

nearest whole number is

nearest whole number is

nearest whole number is

ve to complete the next section. Can you give 2 other numbers which  
ne whole number for each question?

6.

7.

8.

9.

10.

## Rounding Decimals

help you to round the numbers to the nearest whole number. Use a Rounding  
d to.

nearest whole number is

nearest whole number is

nearest whole number is

nearest whole number is

nearest whole number is

nearest whole number is

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nearest whole number is

nearest whole number is

nearest whole number is

nearest whole number is

# Reverse Rounding



Write a decimal number which would round to....

**55**

← **Click  
me!**

# Aim



- I can round a decimal number.

## Success Criteria

- I can place a decimal number on a number line.
- I can round a decimal number to the nearest whole number.

