



Maths

Fractions

Minibeast Rounding



Aim

- I can round a number with two decimal places to the nearest whole number.

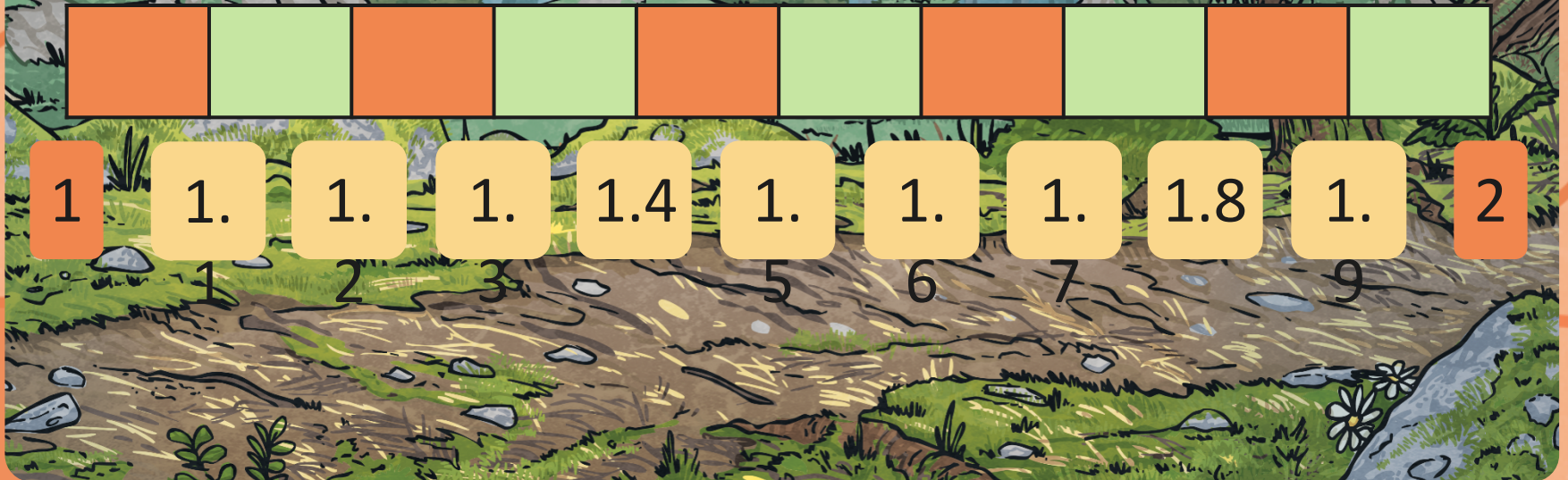
Success Criteria

- I can use a number line to round a decimal number to the nearest whole number.
- I can use my understanding of decimal place value to round decimal numbers.

Decimal Number Lines



What decimal number is the minibeast at?



Decimal Number Lines



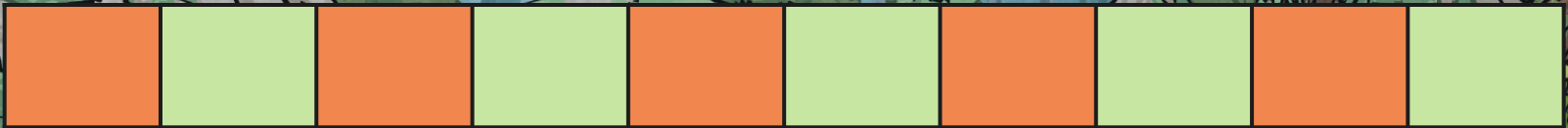
What decimal number is the minibeast at?



Decimal Number Lines



What decimal number is the minibeast at?



12

12.2

12.4

12.6

12.8

1

13.2

13.4

13.6

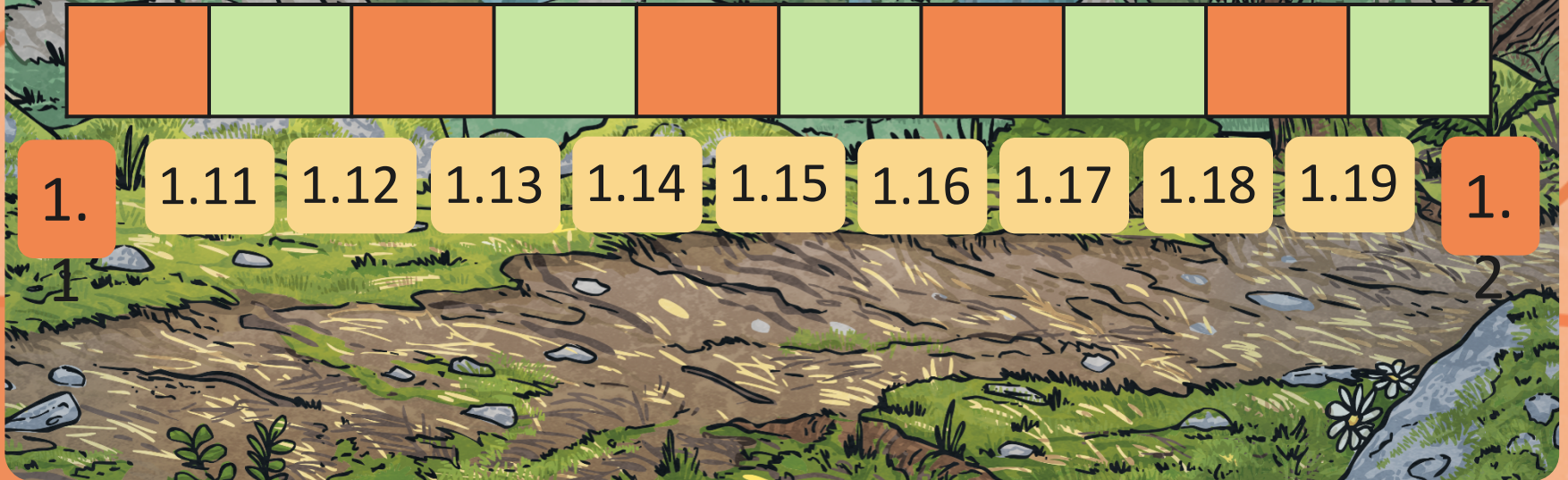
13.8

14

Decimal Number Lines



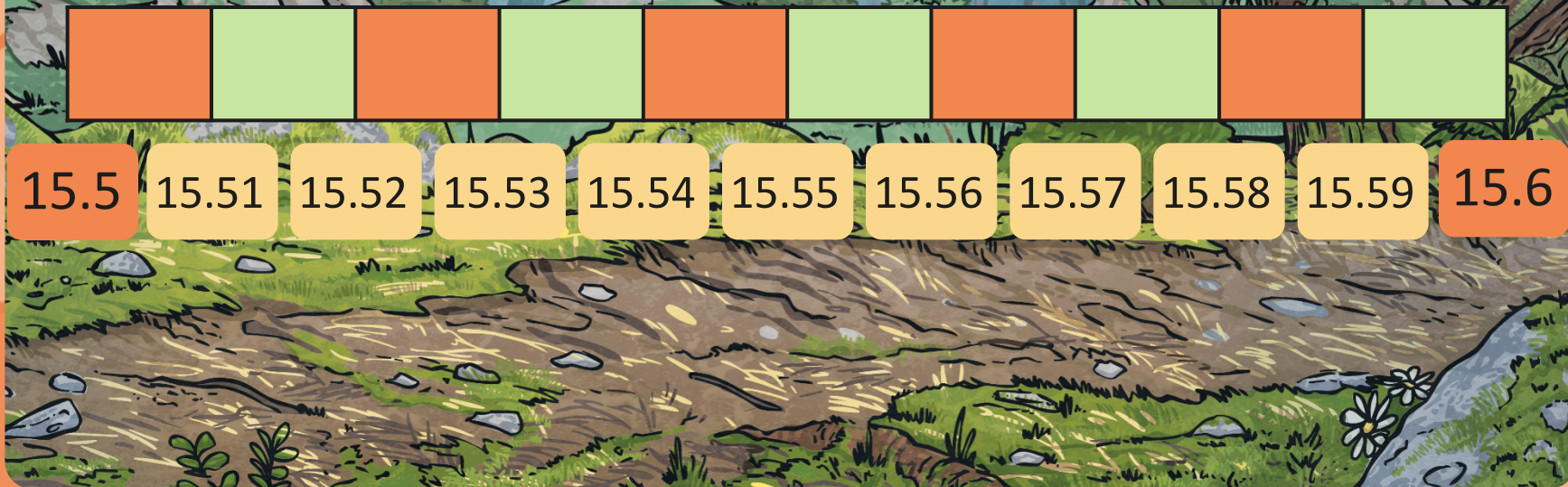
What decimal number is the minibeast at?



Decimal Number Lines



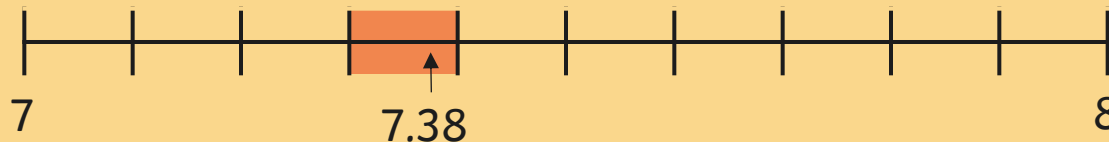
What decimal number is the minibeast at?



Rounding to the Nearest Whole Number



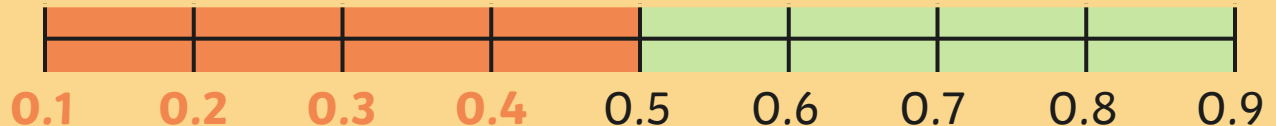
First, we need to identify the **two whole numbers** that 7.38 is between. Visualising this on a number line is helpful.



7.38 rounded to the nearest whole number = 7

7.38

We then need to look at the value of the **tenths digit**.



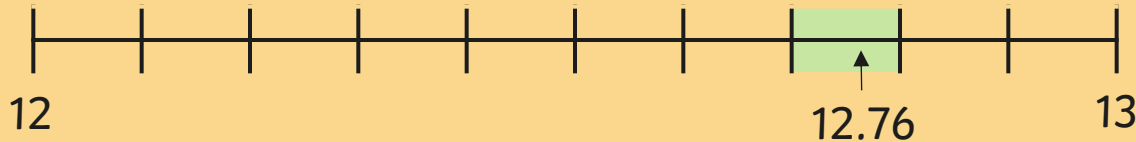
If the tenths digit is **0.1, 0.2, 0.3 or 0.4** we round **down** to the nearest whole number.

If the tenths digit is **0.5, 0.6, 0.7, 0.8 or 0.9** we round **up** to the nearest whole number.

Rounding to the Nearest Whole Number



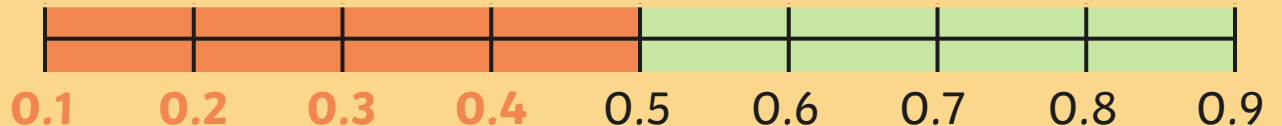
First, we need to identify the **two whole numbers** that 12.76 is between. Visualising this on a number line is helpful.



12.76 rounded to the nearest whole number = 13

12.76

We then need to look at the value of the **tenths digit**.



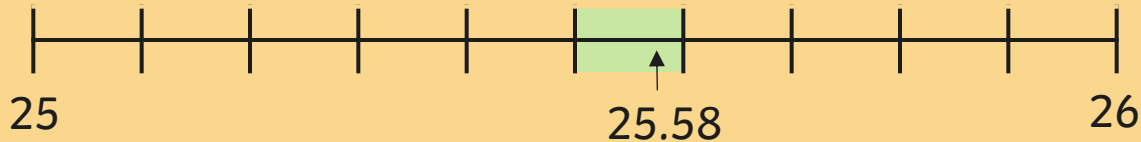
If the tenths digit is **0.1, 0.2, 0.3 or 0.4** we round **down** to the nearest whole number.

If the tenths digit is **0.5, 0.6, 0.7, 0.8 or 0.9** we round **up** to the nearest whole number.

Rounding to the Nearest Whole Number



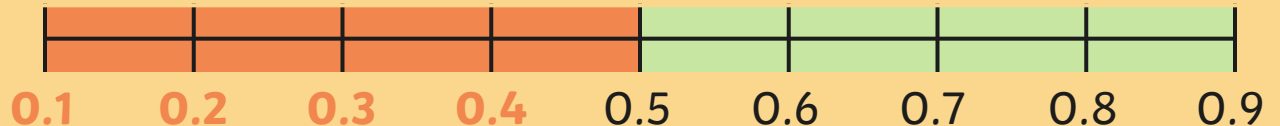
First, we need to identify the **two whole numbers** that 25.58 is between. Visualising this on a number line is helpful.



25.58 rounded to the nearest whole number = 26

25.58

We then need to look at the value of the **tenths digit**.



If the tenths digit is **0.1, 0.2, 0.3 or 0.4** we round **down** to the nearest whole number.

If the tenths digit is **0.5, 0.6, 0.7, 0.8 or 0.9** we round **up** to the nearest whole number.

Decimal Rounding



22.41

22

51.83

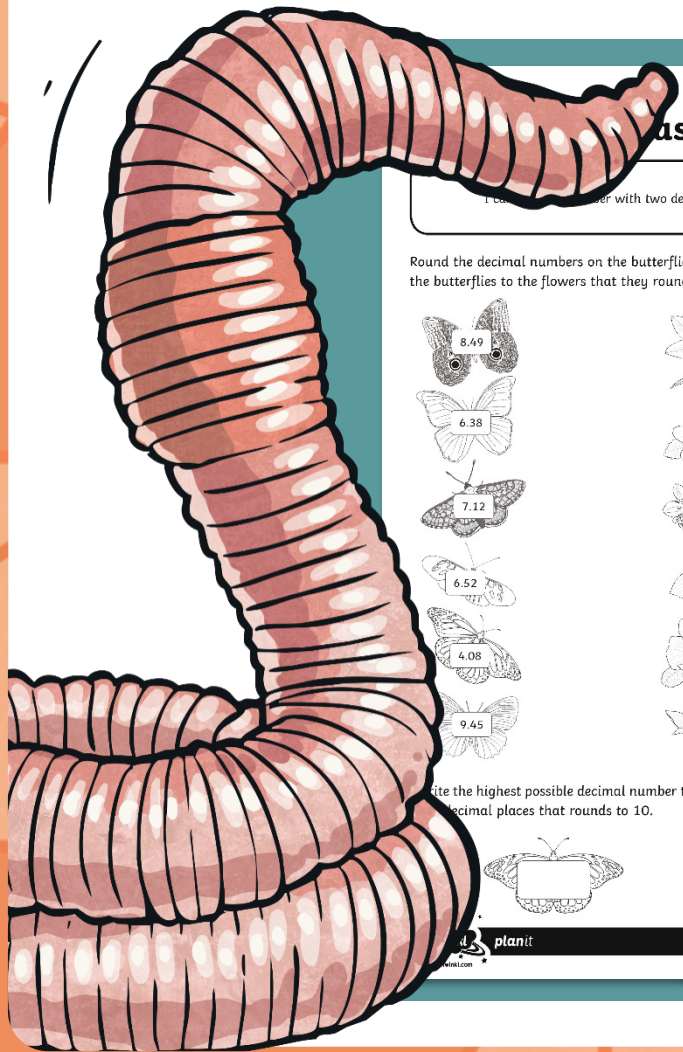
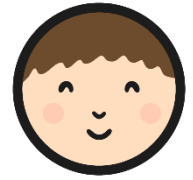
52

105.59

106

Working with a partner, round these decimal numbers to the nearest whole number.



















Minibeast Rounding



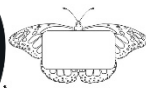
Rounding

Round the decimal number with two decimal places to the nearest whole number.

Round the decimal numbers on the butterflies to the nearest whole number. Draw a line to join the butterflies to the flowers that they round to.

Write the highest possible decimal number to two decimal places that rounds to 10.












Write the lowest possible decimal number to two decimal places that rounds to 10.



Rounding

Round the decimal number with two decimal places to the nearest whole number.

Round the decimal numbers on the butterflies to the nearest whole number. Draw a line to join the butterflies to the flowers that they round to.













Write the lowest possible decimal number to two decimal places that rounds to 100.



Rounding

Round the decimal number with two decimal places to the nearest whole number.

Round the decimal numbers on the butterflies to the nearest whole number. Draw a line to join the butterflies to the flowers that they round to.

Write the lowest possible decimal number to two decimal places that rounds to 1000.



Aim



- I can round a number with two decimal places to the nearest whole number.

Success Criteria

- I can use a number line to round a decimal number to the nearest whole number.
- I can use my understanding of decimal place value to round decimal numbers.

