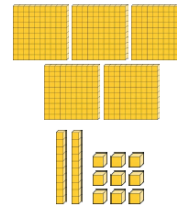


Find the cards that match each other.

two hundred
and seventy-two

$$800 + 150 + 5$$

one hundred
and twelve

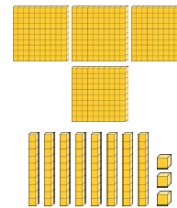


| | | |
|-----|----|---|
| ? | | |
| 500 | 20 | 9 |

$$500 + 130 + 18$$

$$400 + 110 + 19$$

nine hundred
and fifty-five

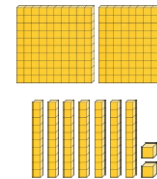


| | | |
|-----|----|---|
| ? | | |
| 400 | 80 | 3 |

six hundred and
forty-eight

$$300 + 150 + 33$$

five hundred
and twenty-nine

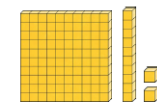


| | | |
|-----|----|---|
| ? | | |
| 200 | 70 | 2 |

$$100 + 160 + 12$$

$$50 + 62$$

four hundred
and eighty-three



| | | |
|-----|----|---|
| ? | | |
| 100 | 10 | 2 |

Aim

- I can estimate numbers using different representations.

Success Criteria

- I can recognise numbers in different representations.
- I can use the given information to estimate numbers.



Learning Question:

- How can I estimate numbers using different representations.

Success Criteria:

I can understand what an estimate is.

I can explain why you may use an estimate.

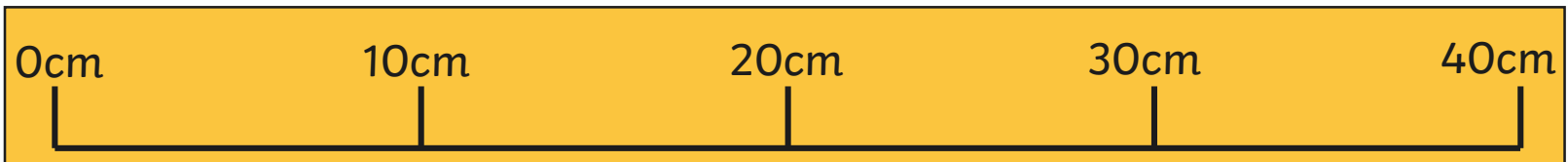
I can recognise numbers in different representations.

I can use the given information to estimate numbers.

Vocabulary

Estimate Numbers in Different Representations

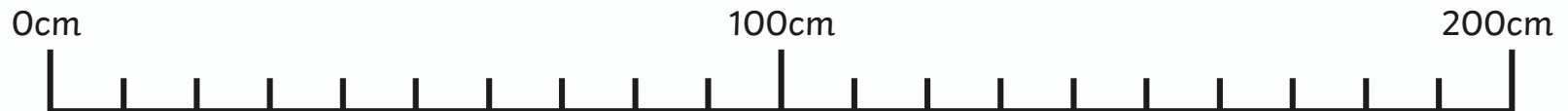
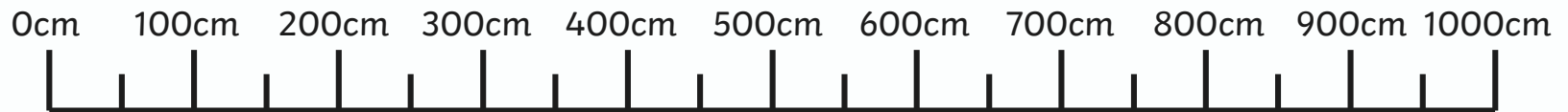
Estimate the length of the stick.



Estimate means roughly calculate the value, number or quantity.

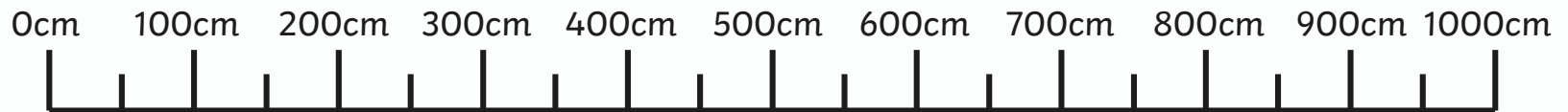
Estimate Numbers in Different Representations

What does each interval (line) represent in the following?



Estimate Numbers in Different Representations

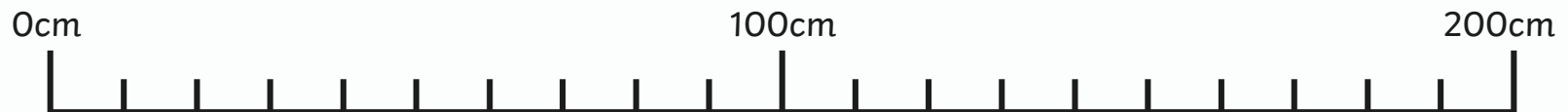
What does each interval (line) represent in the following?



Each interval represents 50cm.



Each interval represents 25cm.



Each interval represents 10cm.

Show Me



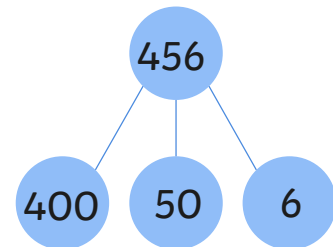
Estimate the value of the representation on each slide and then show the same amount in a different representation on your whiteboard.

e.g. $400 + 50 + 6$

four hundred
and fifty-six

$$200 + 240 + 16$$

$$500 - 44$$



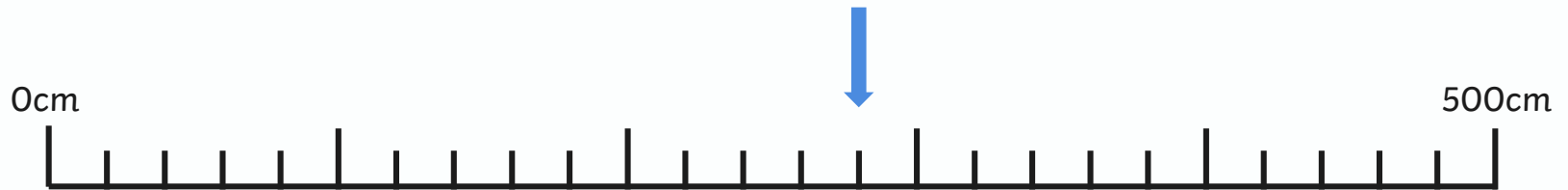
| | | |
|-----|----|---|
| ? | | |
| 400 | 50 | 6 |



Show Me



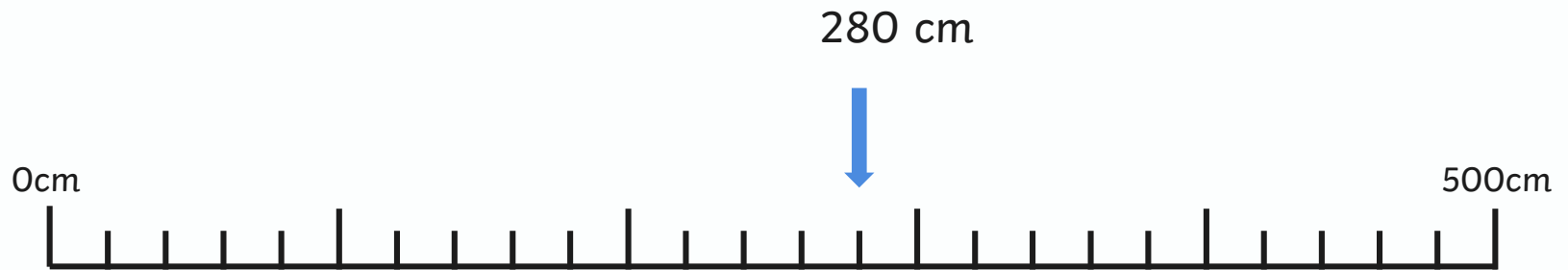
Estimate the value of the representation on the slide and then show the same amount in a different representation on your whiteboard.



Show Me



Estimate the value of the representation on the slide and then show the same amount in a different representation on your whiteboard.



$$200 + 80 + 0 =$$

$$200 + 50 + 30 =$$

Show Me



Estimate the value of the representation on the slide and then show the same amount in a different representation in your book.

$$300 - 50$$

Show Me



Estimate the value of the representation on the slide and then show the same amount in a different representation in your book.



Show Me



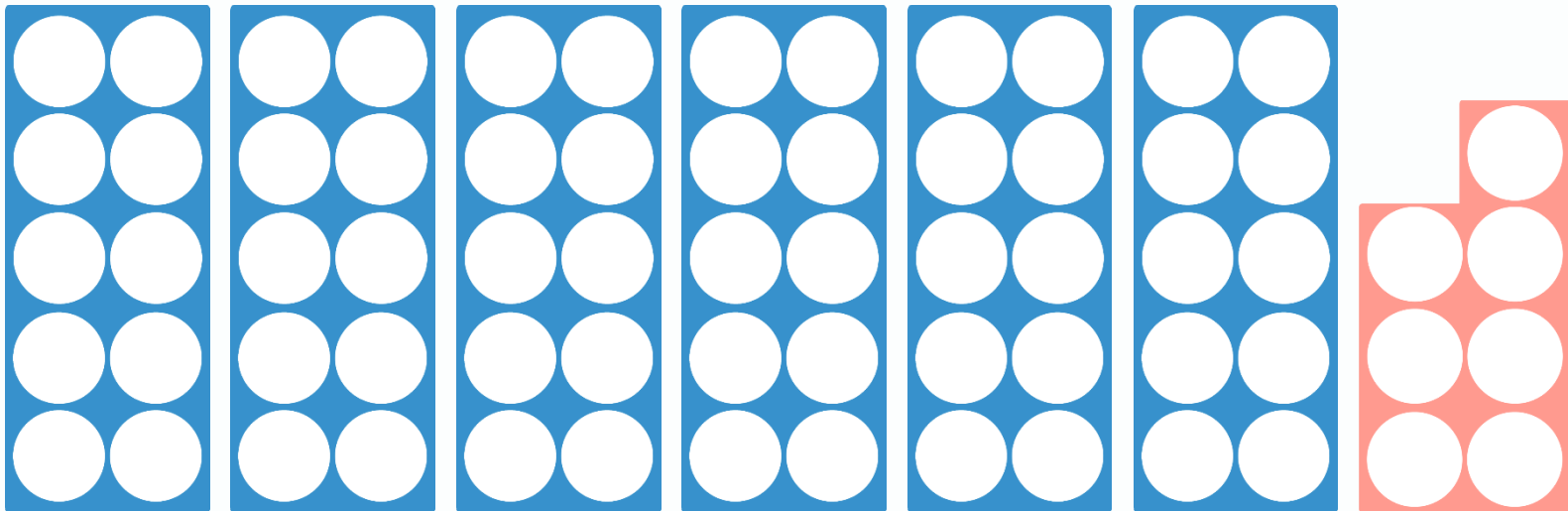
Estimate the value of the representation on the slide and then show the same amount in a different representation on your whiteboard.

seven hundred and eleven

Show Me



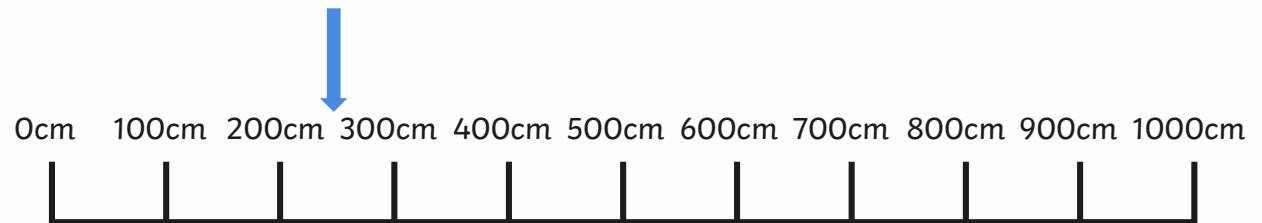
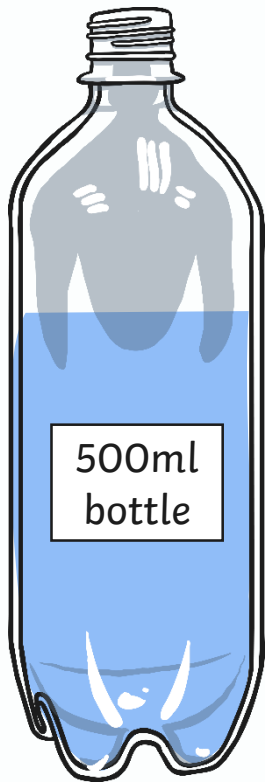
Estimate the value of the representation on the slide and then show the same amount in a different representation on your whiteboard.



Estimate and Compare



Compare the amounts.



Estimate and Compare



Compare the amounts.

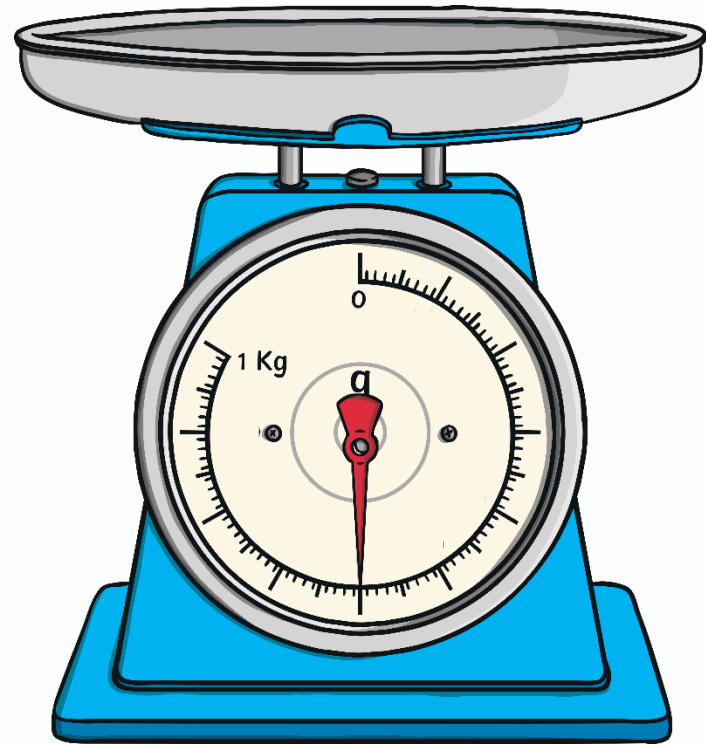
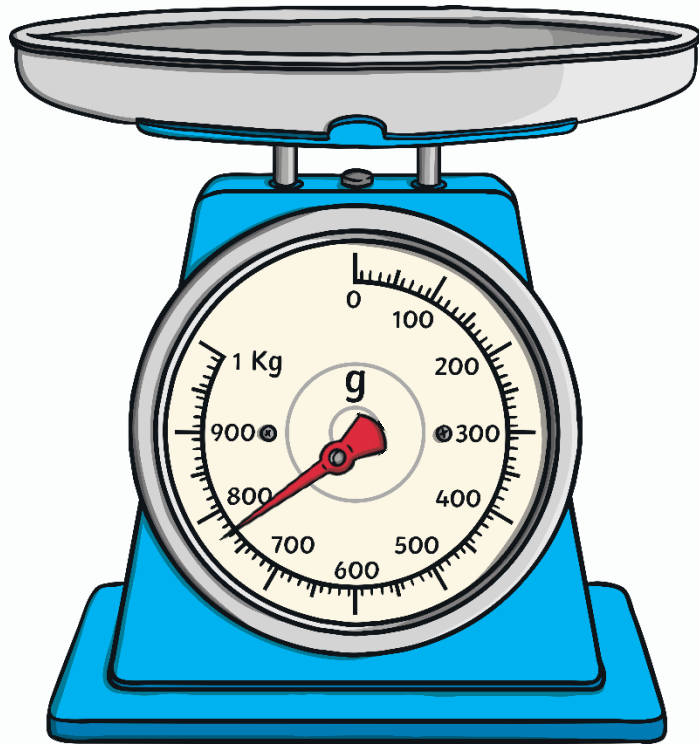
$$200 + 120 + 37$$

two hundred and ninety-two

Estimate and Compare



Compare the amounts.



Estimate and Compare



Compare the amounts.



Estimate and Compare

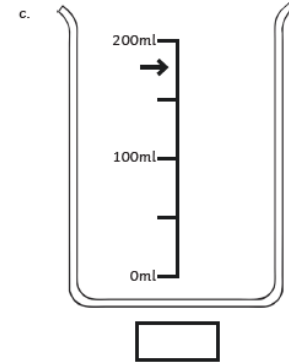
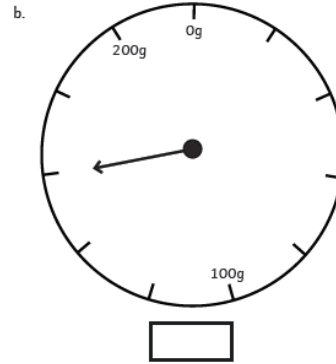
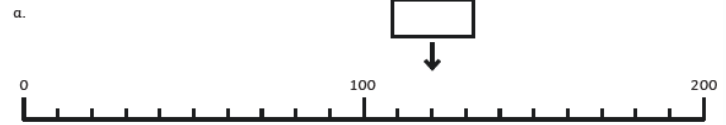


Compare the amounts.

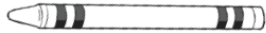


Tasks

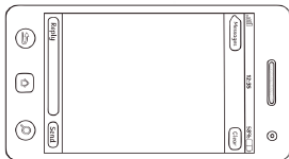
1. Estimate the amount shown by the arrow.



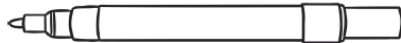
2. Estimate the length in millimetres of the following items in comparison to the ruler below.



a. Estimate: _____



b. Estimate: _____



c. Estimate: _____



d. Estimate: _____

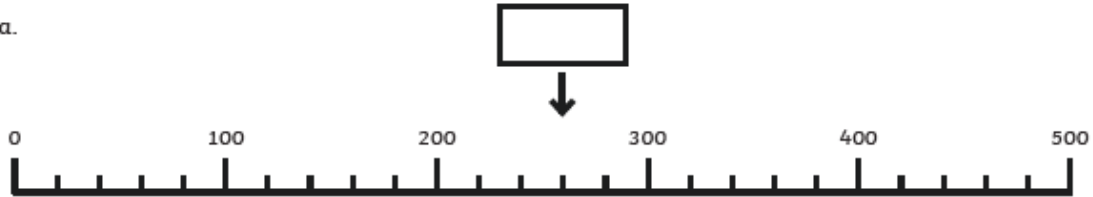
3. Grab a handful of coins. Estimate the total of the coins that you have before finding the exact amount. Can you find the difference between your estimate and the exact amount?

| Estimation | Exact Amount | Difference Between the Amounts |
|------------|--------------|--------------------------------|
| e.g. 112p | 130p | 18p |
| | | |
| | | |
| | | |

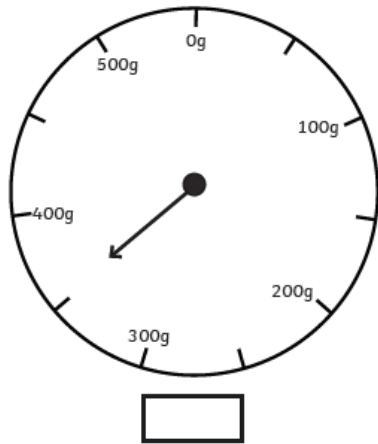
Tasks

1. Estimate the amount shown by the arrow.

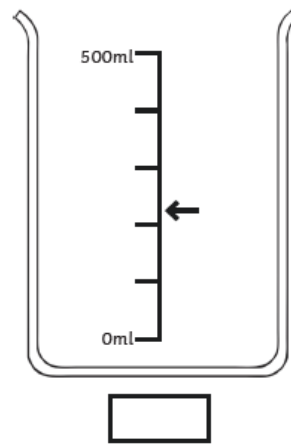
a.



b.

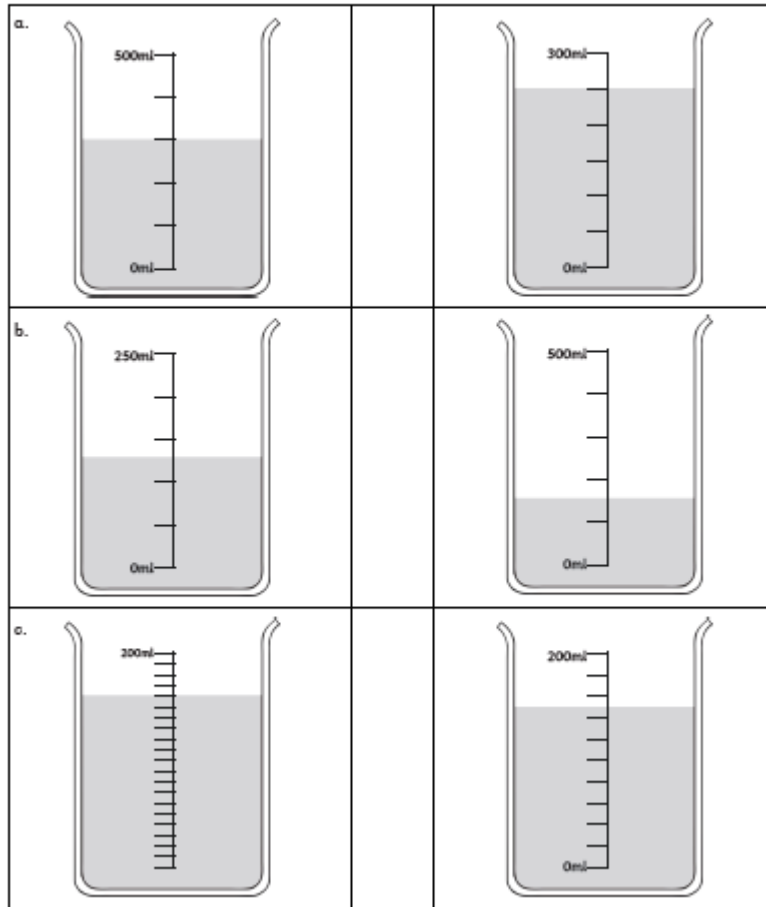


c.



Tasks

2. Estimate the amounts of liquid in each container. Then insert the correct symbol to compare the amounts: $>$, $<$ or $=$.



4. What could the missing numbers be? Can you think of 10 different possibilities?

