

Hello Year 3s,

For today's maths go to <https://www.bbc.co.uk/bitesize/articles/zfxw7nb> 'Marking Fractions on a number line above 1'. Watch the 2 videos then complete the worksheets below. The answers are at the end.

Think together

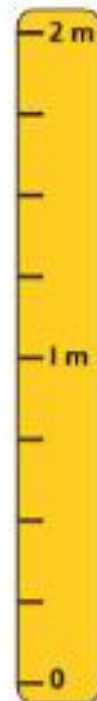
- 1 Where would these heights be positioned on the height chart?

Amelia's little sister is $\frac{3}{4}$ metre.

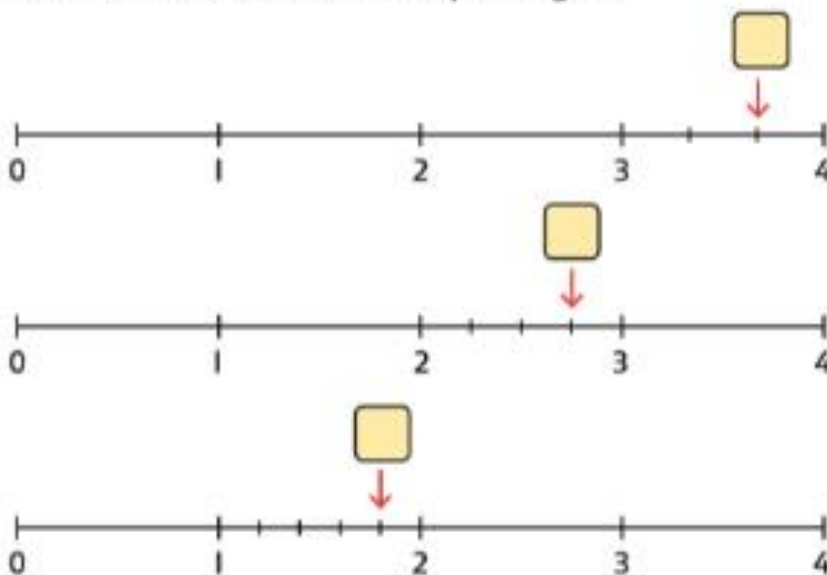
Toshi is $1\frac{3}{4}$ metres.

Kate is $1\frac{1}{4}$ metres.

I could use this height chart to help me work out what $\frac{3}{4}$ of a metre is.



- 2 What numbers are the arrows pointing to?

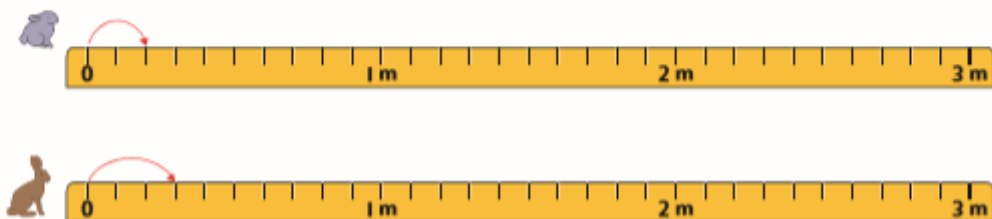


- 3 Point to where these numbers should be.



- 4 A rabbit jumps $\frac{2}{10}$ of a metre with every jump.
A hare jumps $\frac{3}{10}$ of a metre with every jump.

CHALLENGE



Will the rabbit ever land at the same position the hare has landed?

I will use my finger to continue the jumps of each animal, making sure that each jump is the correct size.

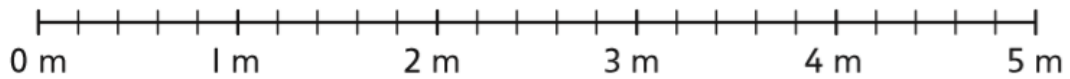


Then I will look to see which distances both animals landed on.

Fractions as numbers 2

I Mark the lengths on the number lines.

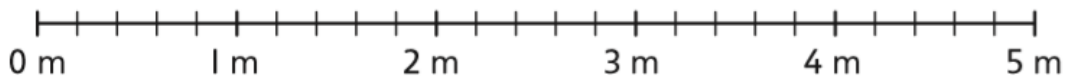
a) $3\frac{1}{5}$ m



First, I find the whole number on the number line.

Then I count on fifth.

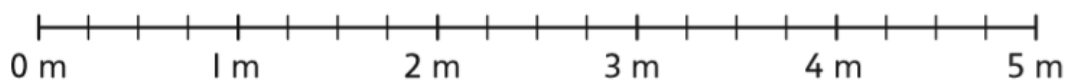
b) $2\frac{3}{5}$ m



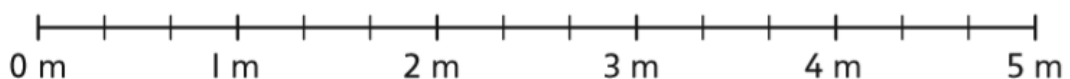
First, I find the whole number on the number line.

Then I count on fifths.

c) $4\frac{3}{4}$ m



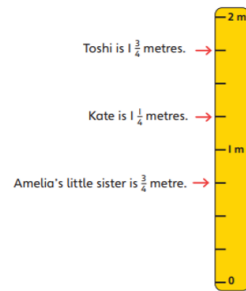
d) $1\frac{2}{3}$ m



Answers

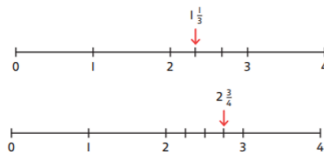
W6 Y3 L1 activity 1

1.



2.: $3\frac{2}{3}$, $2\frac{3}{4}$, $1\frac{4}{5}$

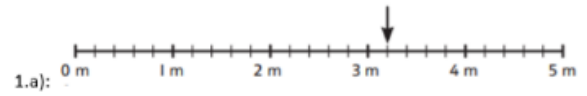
3.:



4.: Yes. Every third jump the rabbit will land at the same position the hare has landed.

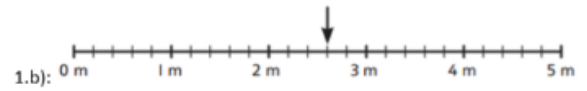
$\frac{6}{10}$, $1\frac{2}{10}$, $1\frac{8}{10}$, $2\frac{4}{10}$, 3

W6 Y3 L1 activity 2



First, I find the whole number 3 on the number line.

Then I count on 1 fifth.



First, I find the whole number 2 on the number line.

Then I count on 3 fifths.

