

BARVEMBER

What is Barvember? What's the point?

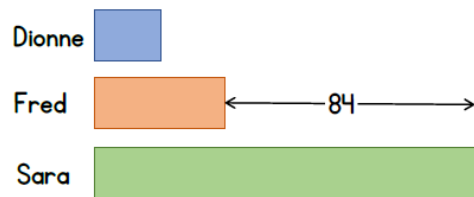
Barvember is organised by White Rose Maths to encourage everyone to use the bar model. We believe that the Bar Model is a useful tool for helping children visualise and then solve maths problems. Even some of the most complex problems can be seen much easier when represented visually.

Barvember provides an opportunity for everyone to just do some maths.

We know that the bar model is not the ONLY way of visualising a problem and we also know that these problems can be solved in the other ways.

BARVEMBER

- 3** Dionne has $\frac{1}{2}$ as many beanbags as Fred.
 Fred has $\frac{1}{3}$ as many beanbags as Sara.
 Sara has 84 more beanbags than Fred.
 How many beanbags are there in total?



How does the answer change if Fred has $\frac{2}{5}$ as many beanbags as Sara?

Do I need to understand bar models to take part?

We have designed the problems so that people who have no or limited experience of bar modelling can still get involved

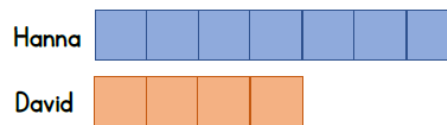
We provide two versions. One version where the bar model is fully or part-drawn and one where there is space to draw the bar model.



Monday 6 November 2017

White
Rose
Maths

- 4** Hanna and David each have some money.
 The ratio of Hanna's to David's money is 7 : 4
 If Hanna gives David £4.80 they will have the same amount of money.
 How much did Hanna have at the start?



How does the answer change if the ratio of Hanna's to David's money is 5 : 4?