Switch on STEM

Bean Machine

Sketch the shape of the Bean Machine when all the beans have been allowed to fall:

-10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10
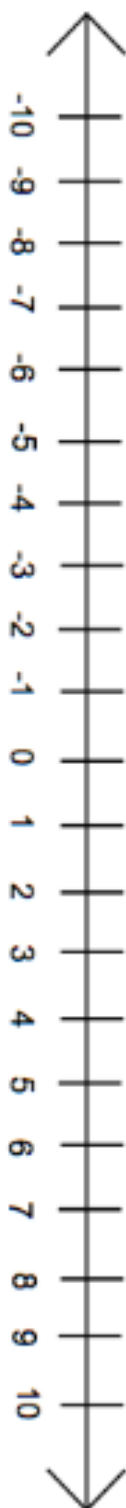
Toss the coin and note down if it was heads or tails. _____

– If it was heads it counts as a 'right' for the bean so move your 'bean' one place to the right on the number line (+1).

– If it was tails it counts as a 'left' so move your 'bean' one place to the left on the number line (-1).

Repeat this until you have 20 tosses:

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Place your brick in the corresponding column to your end position.

End Position: _____