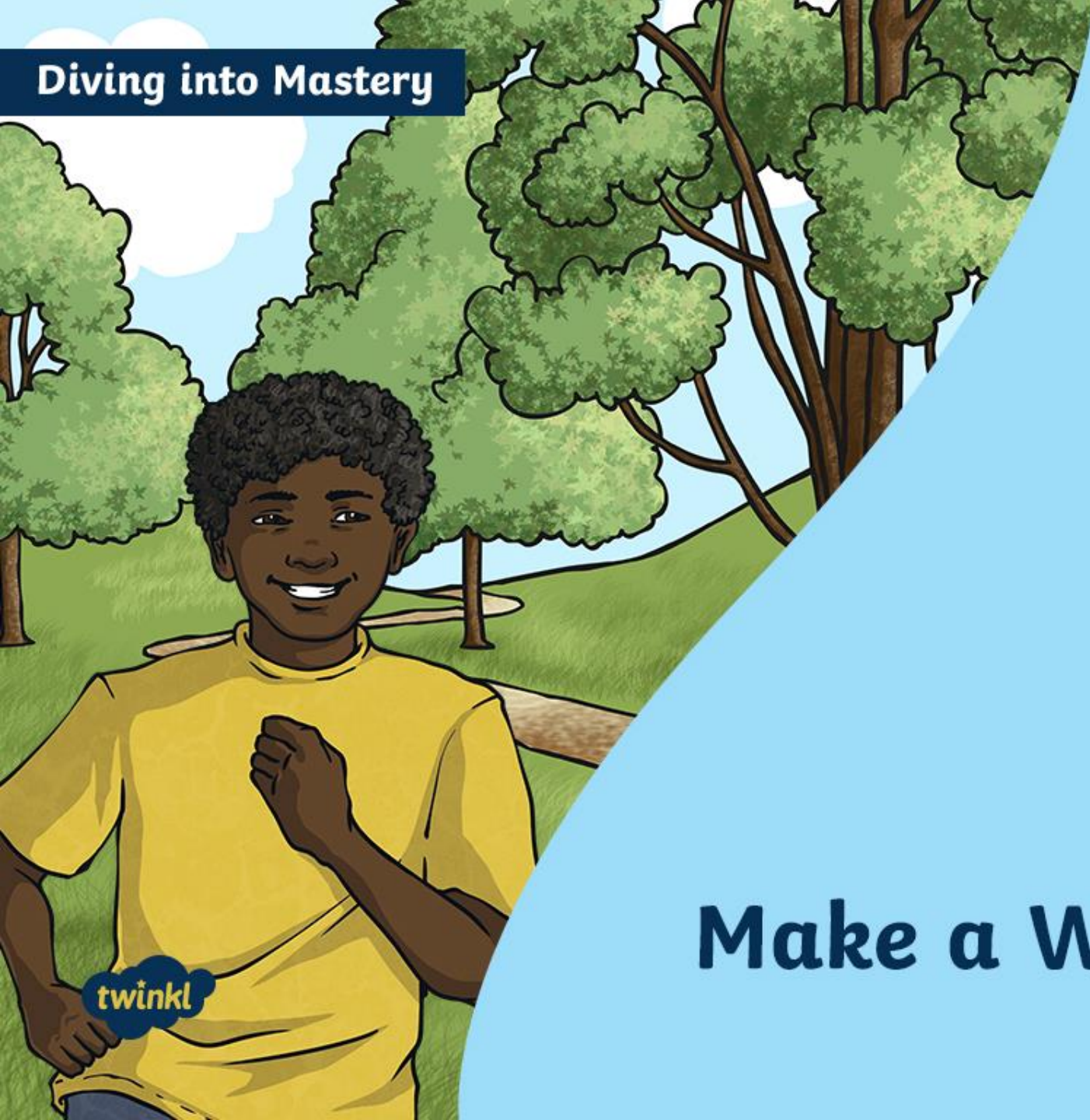


Diving into Mastery

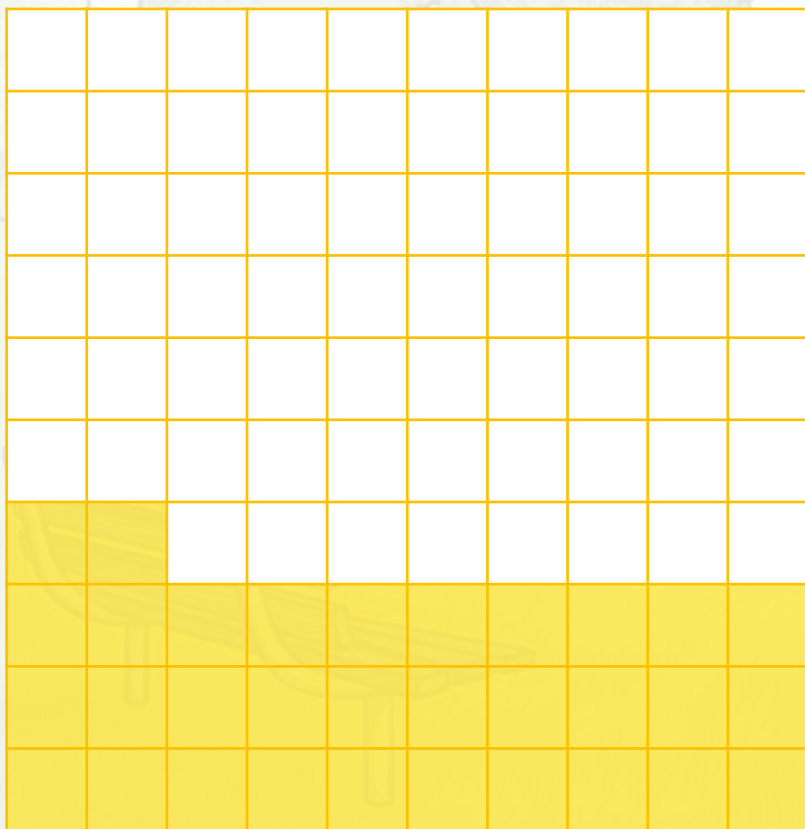


# Make a Whole

twinkl



What fraction of the hundred square is shaded and not shaded?



**shaded** = 32 hundredths

**not shaded** = 68 hundredths

$$\text{shaded} = \frac{32}{100} = 0.32$$

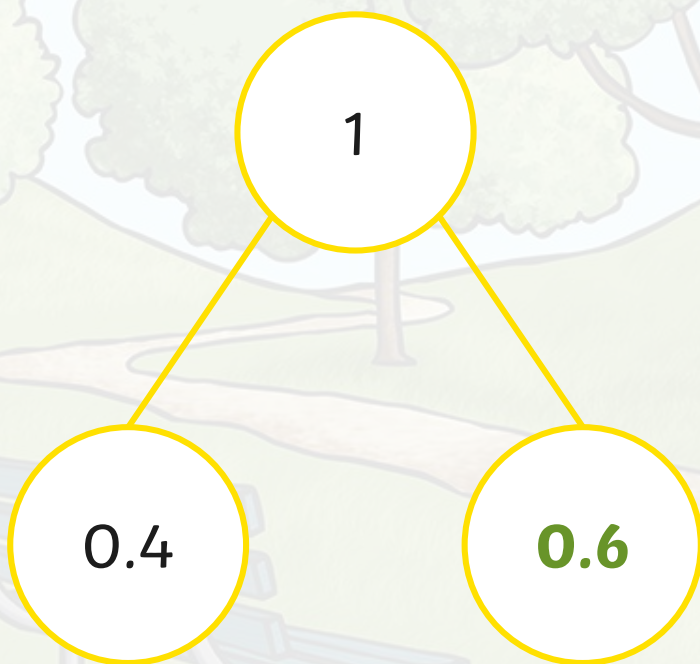
$$\text{not shaded} = \frac{68}{100} = 0.68$$

$$0.32 + 0.68 = 1 \text{ whole}$$

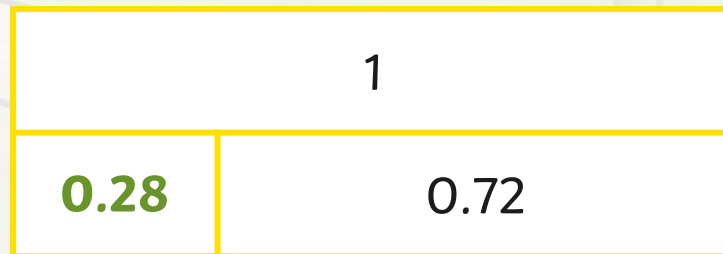




Complete this part-whole model.



Complete this bar model.





I need to add 0.53 to 0.57  
to make a whole.

Is Khatija correct?

No

How can you change her statement  
to make it correct?

**I need to add 0.43 to  
0.57 to make a whole.  
or  
I need to add 0.53 to  
0.47 to make a whole.**



Make a Whole

Deepest



Sam has set a target of running 2km in a day.

Here is what he has run so far:

10 a.m.	0.36km
1 p.m.	1.29km
2 p.m.	0.24km

Has he reached his target?

If not, how much further does he need to run?

No. He has run  $0.36\text{km} + 1.29\text{km} + 0.24\text{km} = 1.89\text{km}$ .  
He would need to run another 0.11km.

