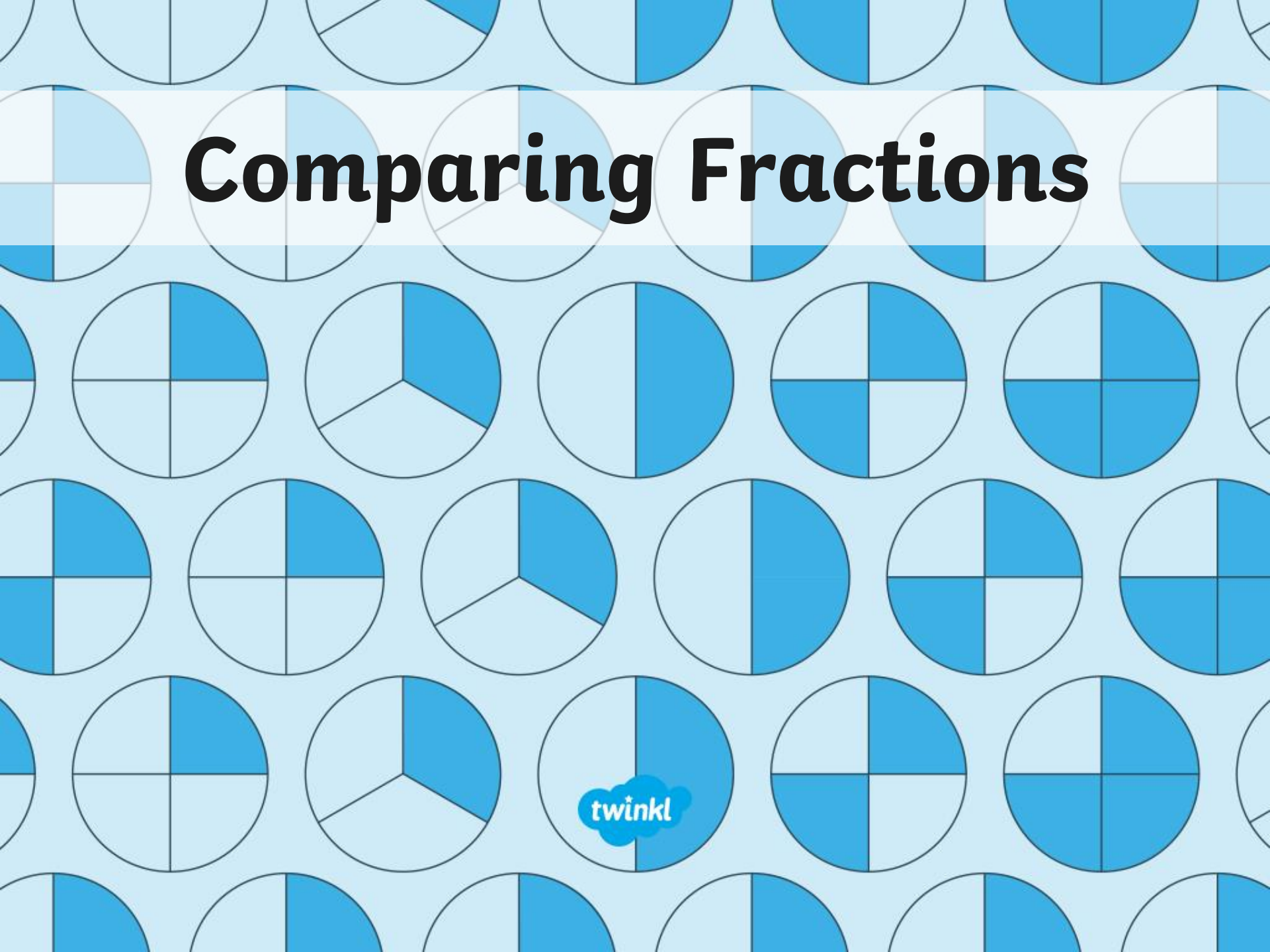
Maths

Year 2 Fractions

Comparing Fractions



Aim

- I can find and compare fractions.

Success Criteria

- I can find $\frac{1}{3}$, $\frac{2}{4}$, $\frac{1}{4}$ and $\frac{3}{4}$ of a shape, set of objects or quantity.
- I can compare fractions to find the largest amount.

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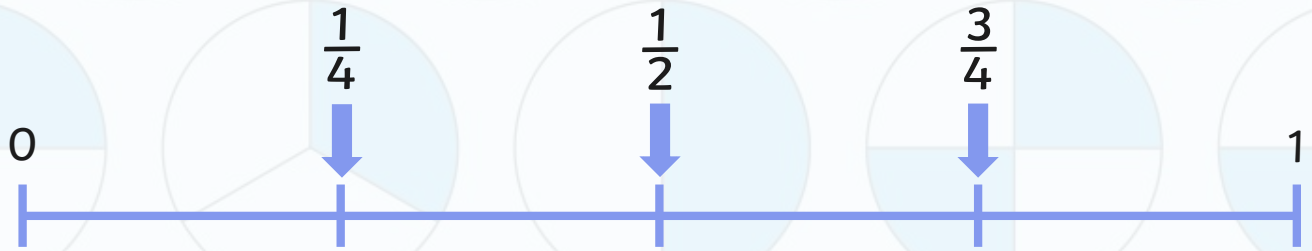
Quarters on a Number Line

Can you place these fractions on the number line?



$\frac{3}{4}$ $\frac{1}{4}$ $\frac{1}{2}$

Click on the fractions to reveal their place on the number line.

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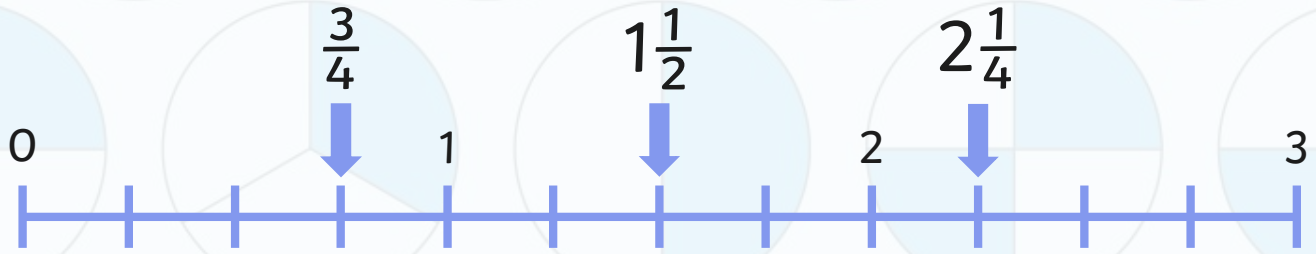
Quarters on a Number Line

Can you place these fractions on the number line?



$1\frac{1}{2}$ $2\frac{1}{4}$ $\frac{3}{4}$

Click on the fractions to reveal their place on the number line.

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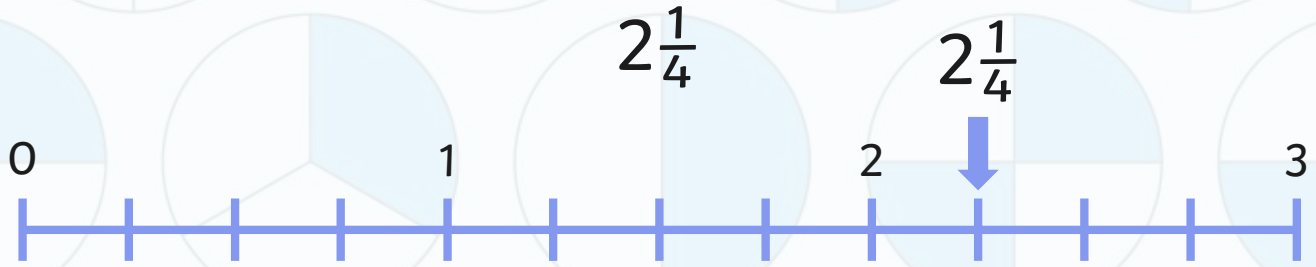
Quarters on a Number Line

What number is represented here?



Where would you place it on the number line?

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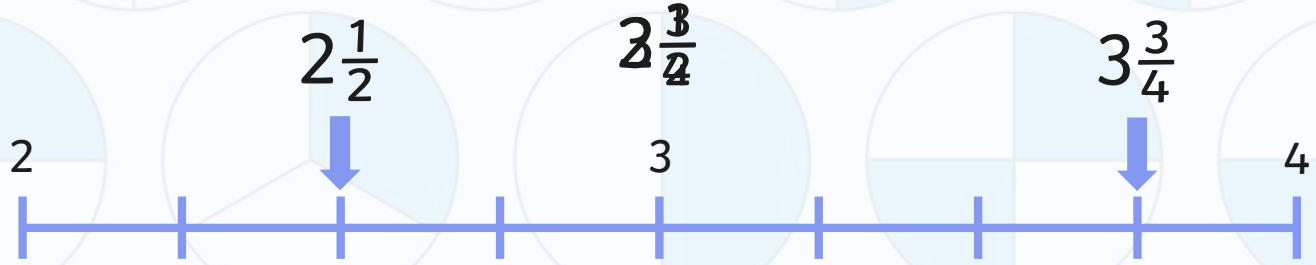
Quarters on a Number Line

What number is represented here?



Where 5 slides, what number is represented now?

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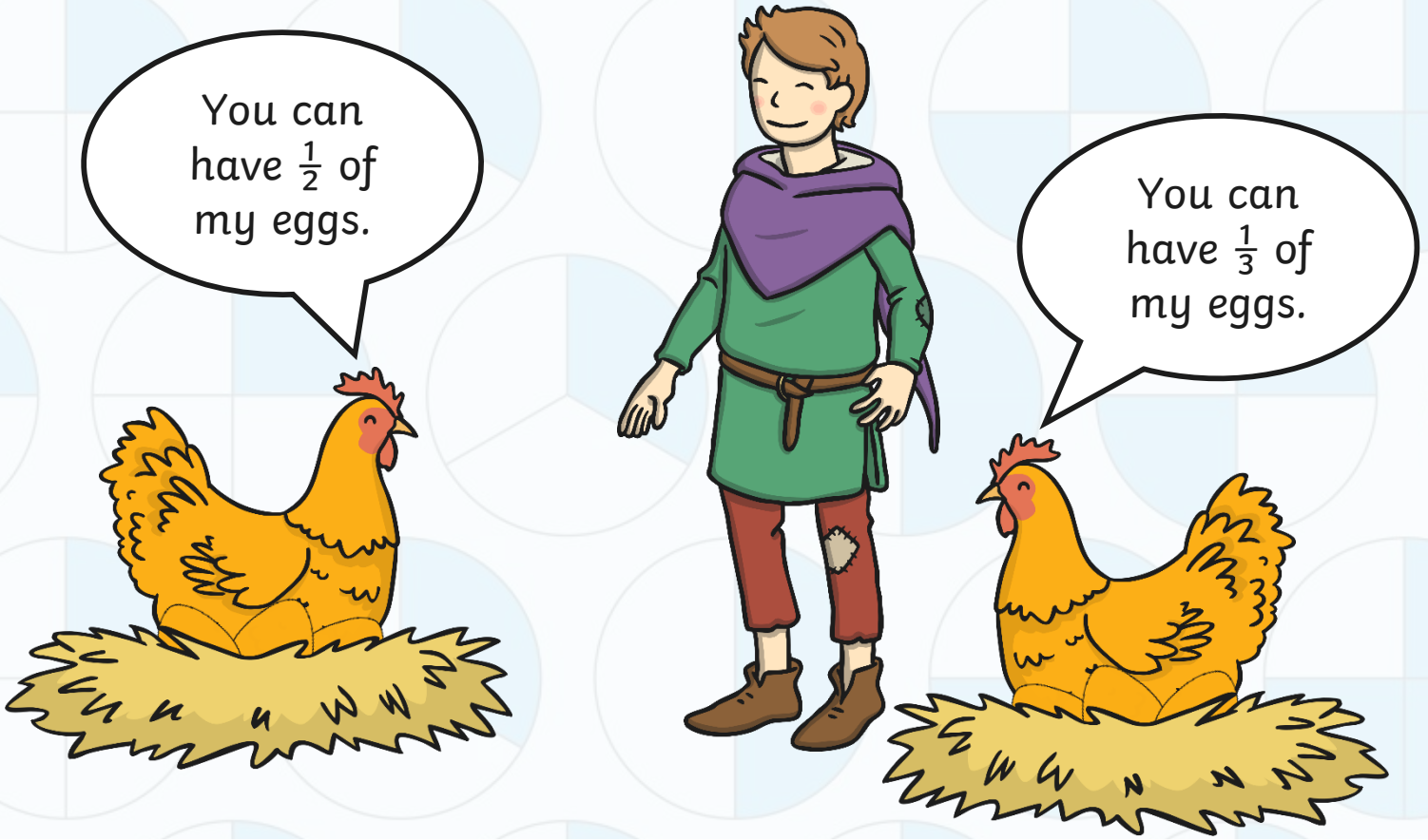
Jack and the Giant

Which should Jack choose?

Which should he give to the Giant?



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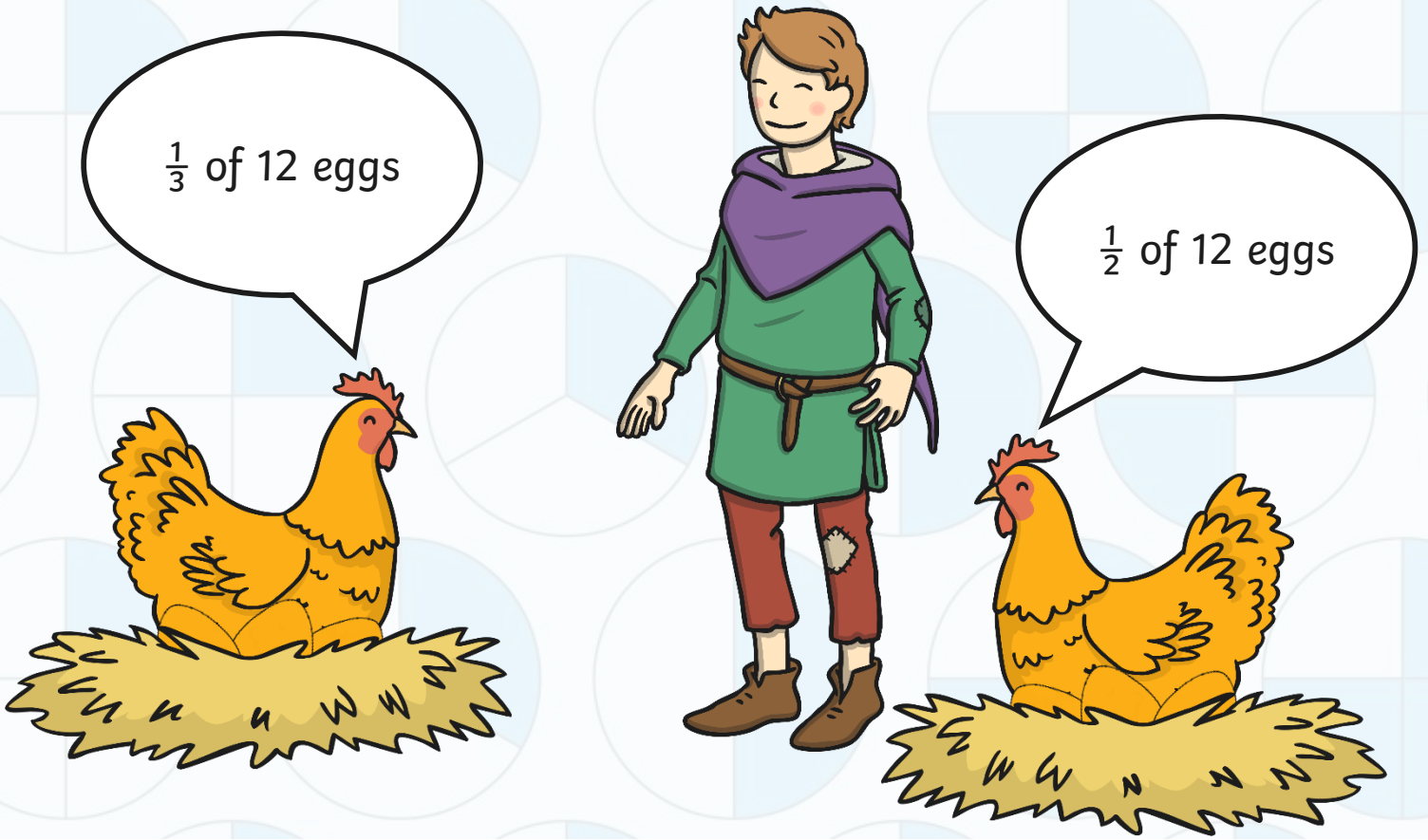
Jack and the Giant

Which should Jack choose?

Give a reason for your answer.



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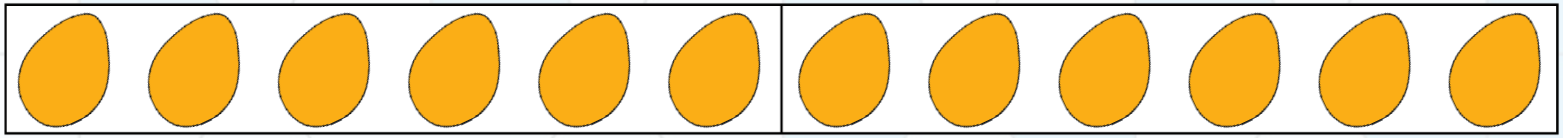
Jack and the Giant

This time Jack should choose $\frac{1}{2}$.

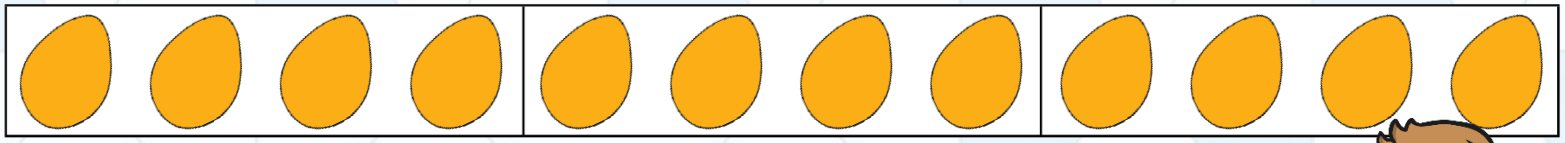
Which should Jack choose?

The hens had the same number of eggs but this Giant is divided into fewer groups so there are more in each group.

Which number of eggs to $\frac{1}{2}$ is divided?



This hen has divided her eggs into 2 groups.



This hen has divided her eggs into 3 groups.

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Balloons

Should Jack choose...

$\frac{1}{2}$ of 8 balloons?

$\frac{1}{2}$ of 12 balloons?

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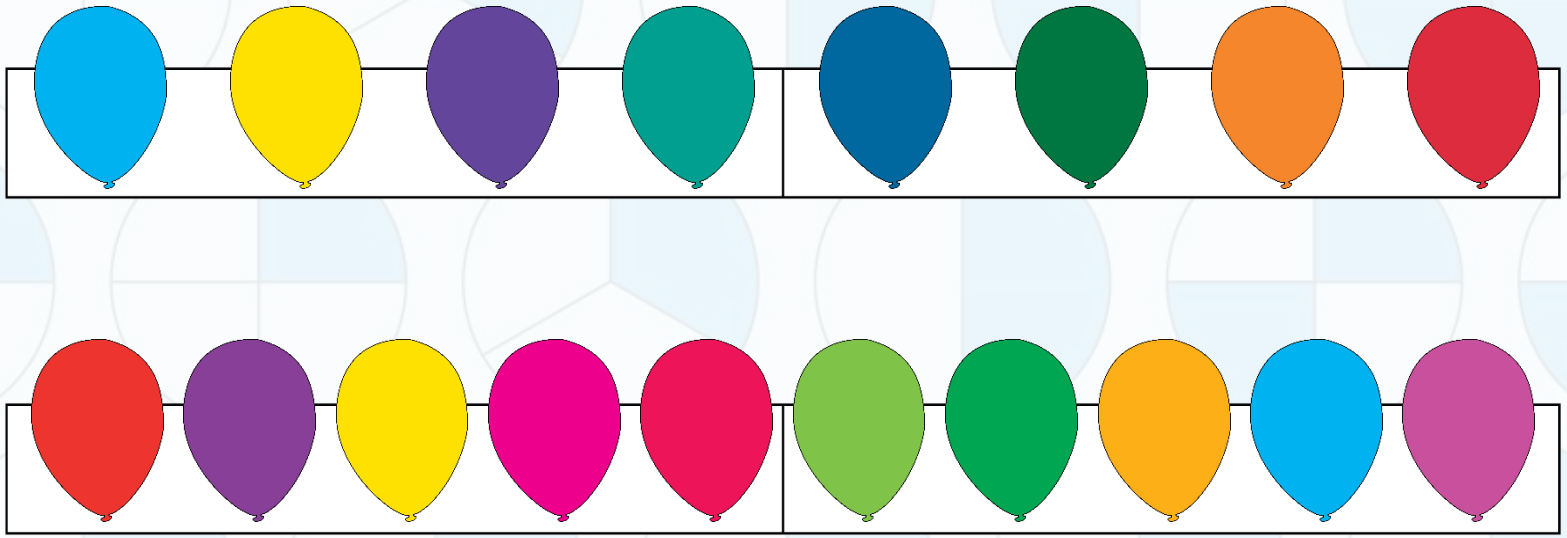
Balloons

Jack should choose 12 balloons.

Which should Jack choose?

They have been divided into the same number of groups, so he needs to choose the highest quantity.

Which should he give to the Giant?



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What Would Jack Rather Have?

Which would you choose to get the largest amount of money?

$\frac{1}{3}$ of 15p

or

$\frac{1}{4}$ of 24p

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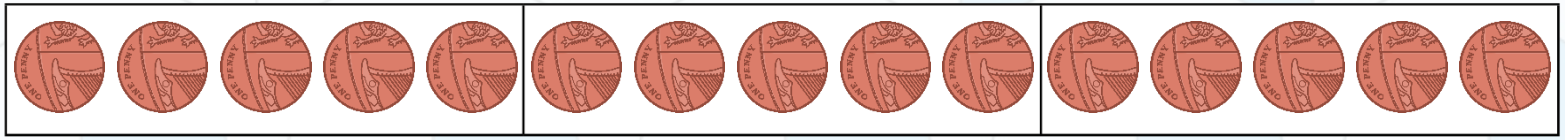
What Would Jack Rather Have?

Which would you choose to get the largest amount of money?



Jack should keep $\frac{1}{4}$ of 24p because this is more than $\frac{1}{3}$ of 15p.

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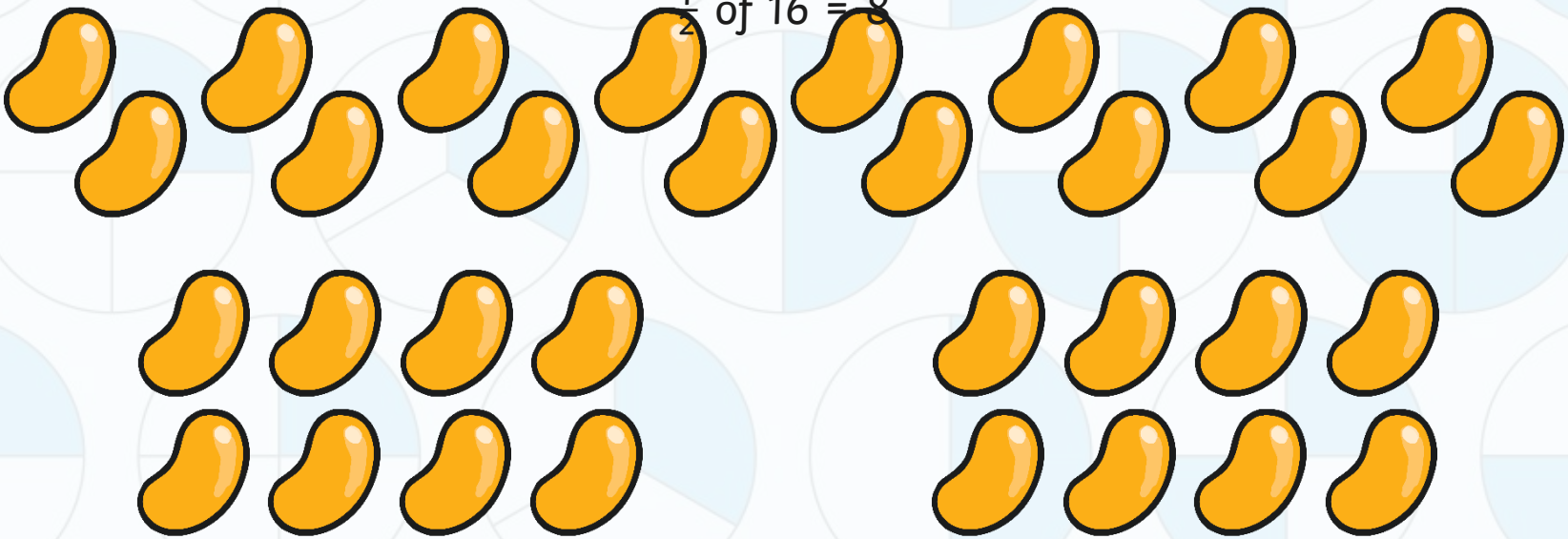
Who Has More?

The Giant finds 16 magic beans and picks up half of them.

$\frac{1}{2}$ of 16 = 8



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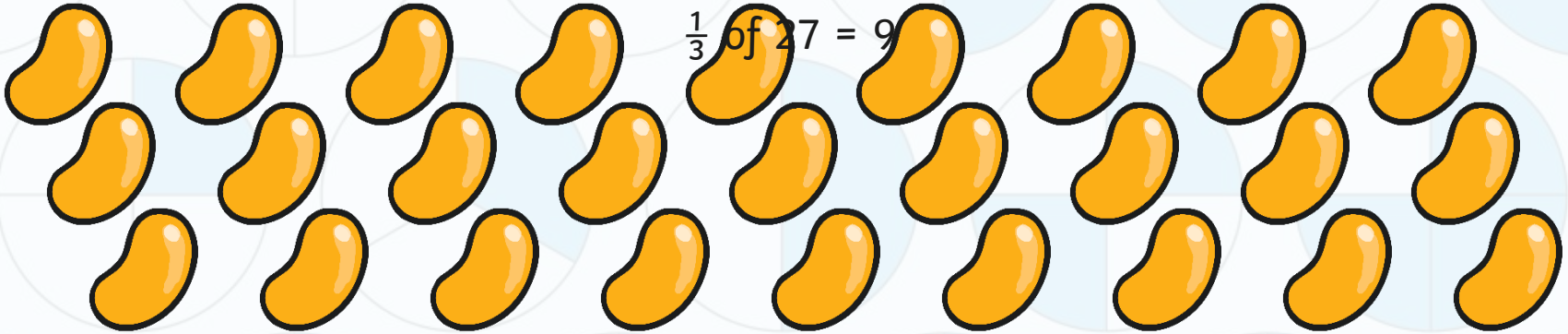
Who Has More?

Jack finds 27 magic beans but can only carry $\frac{1}{3}$ of them.

$\frac{1}{3}$ of 27 = 9



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Who Has More?

Jack finds 27 magic beans but can only carry $\frac{1}{3}$ of them.

$\frac{1}{3}$ of 27 is 9

The Giant finds 16 magic beans and picks up half of them.

$\frac{1}{2}$ of 16 is 8

Jack has more.

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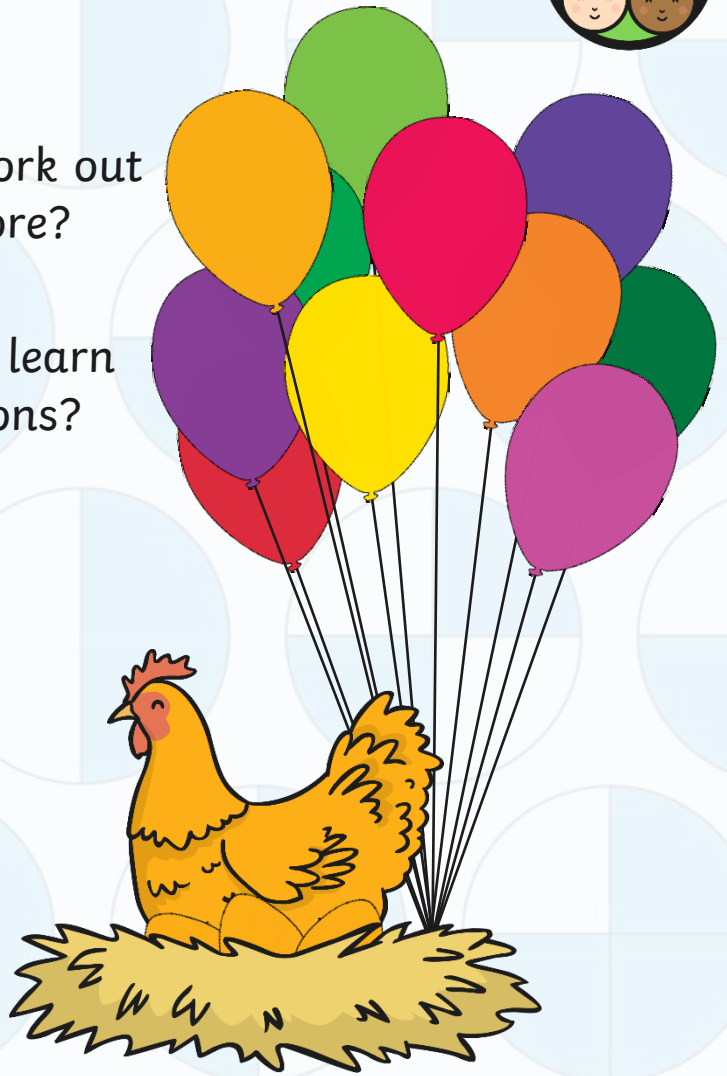
What Have We Found Out?

Whole Class

How did you work out who had more?

What did you learn about fractions?



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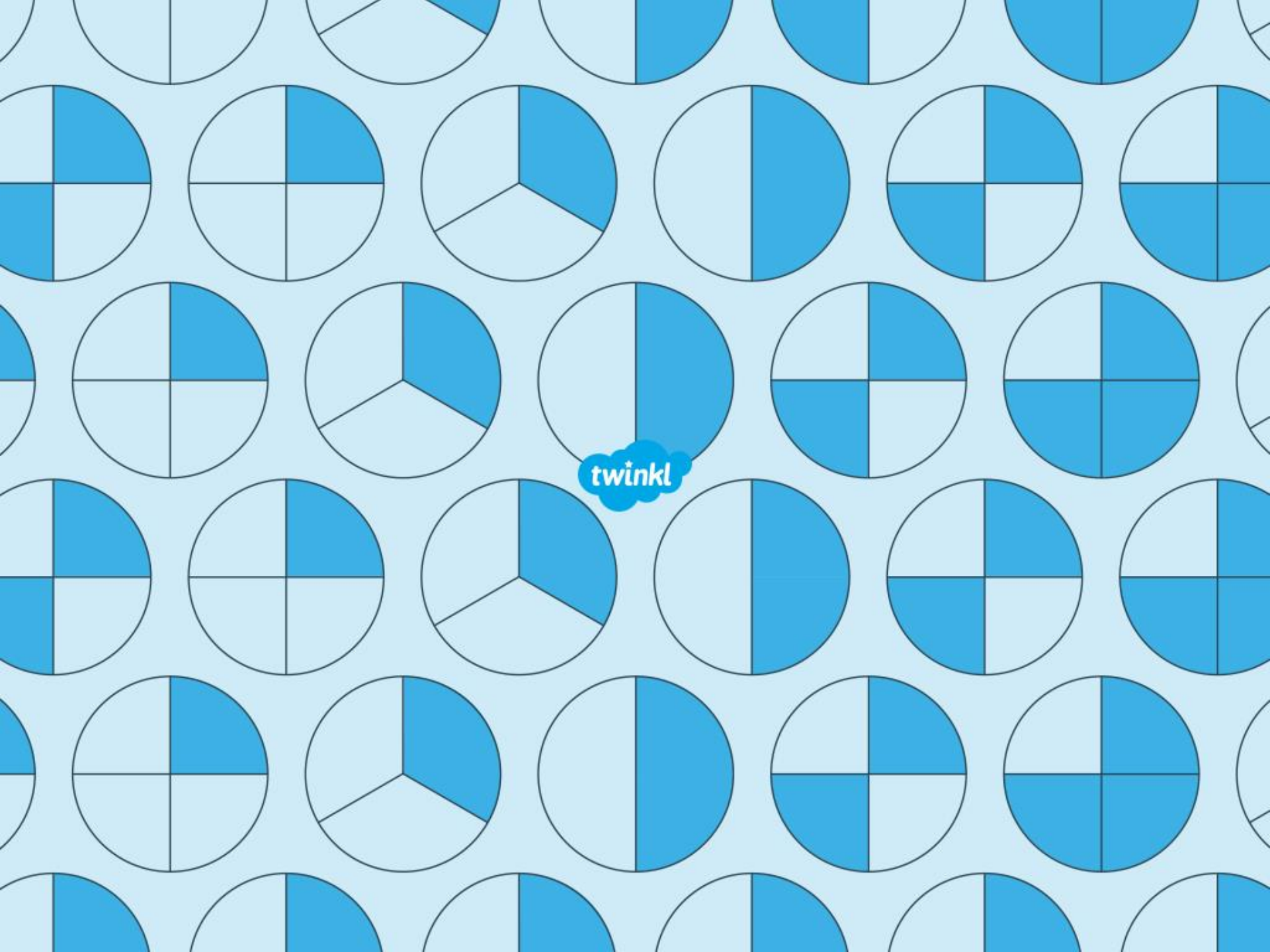
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