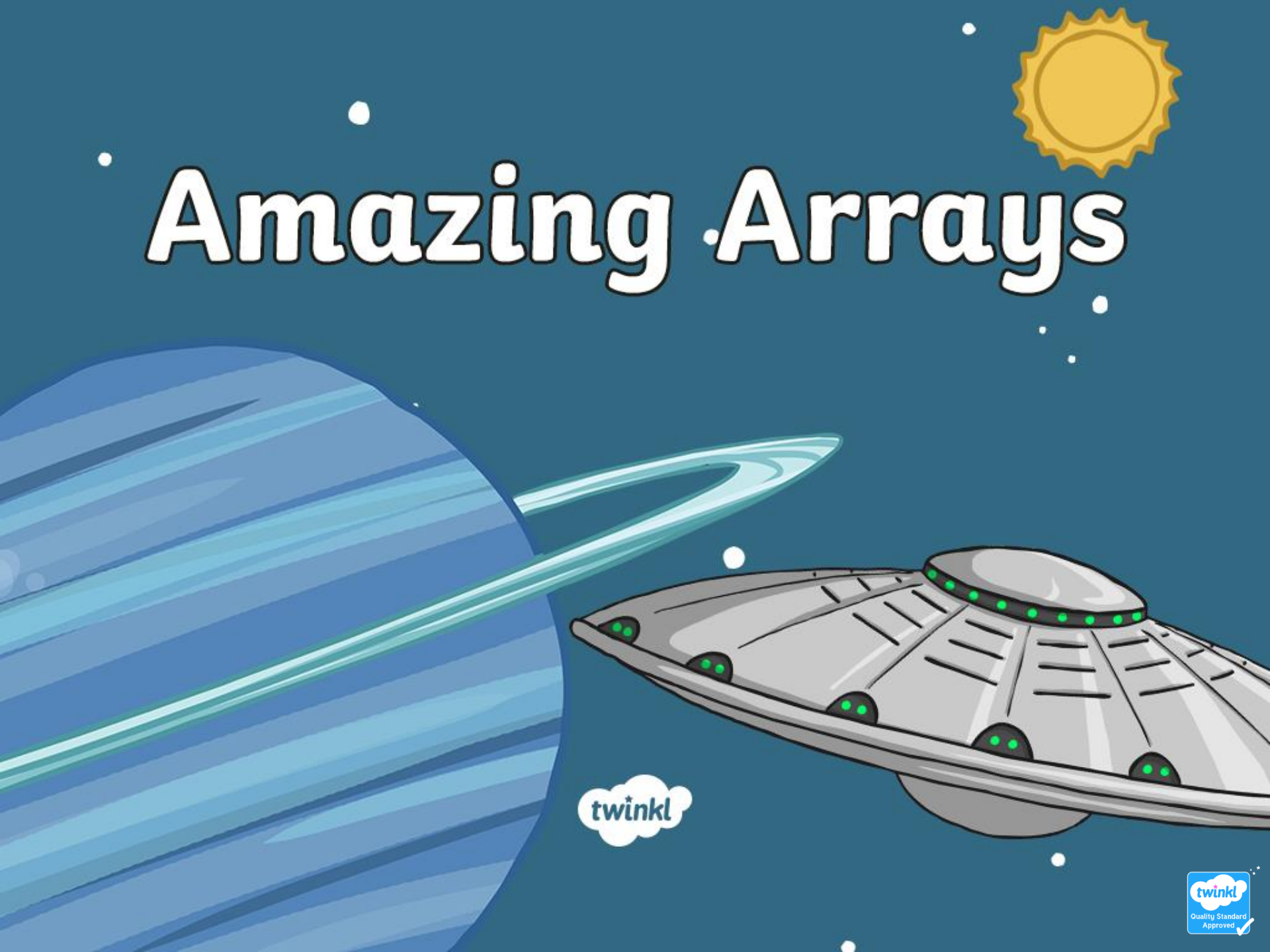


Amazing Arrays



twinkl

What Is an Array?

When pictures or objects are put into columns and rows, it is called an array. They can help us to count objects more efficiently.



$$3 \times 5 = ?$$

How Many Stars Are There?

Remember: You don't need to count every star.
For this one you could count in 5s!

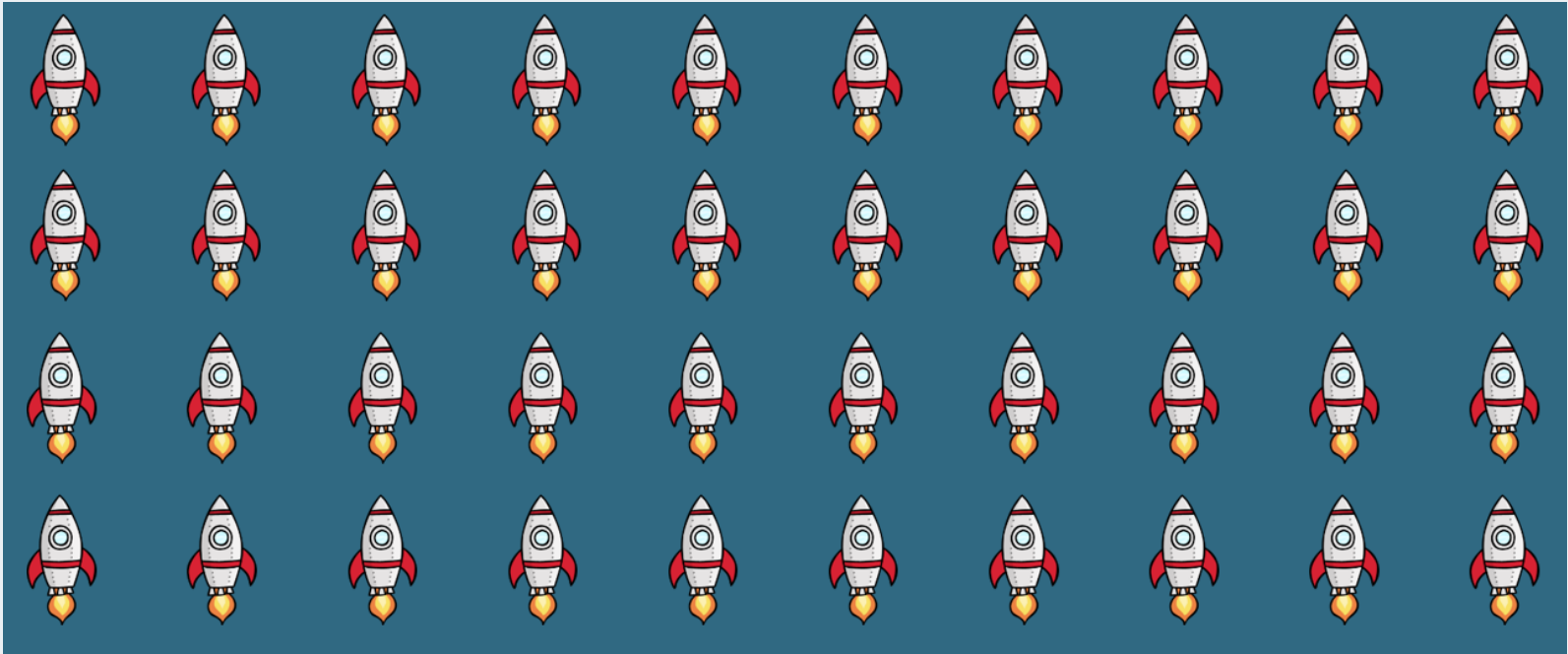


$$5 \times 5 =$$

?

How Many Rockets Are There?

Remember: You don't need to count every rocket.
For this one you could count in 10s!

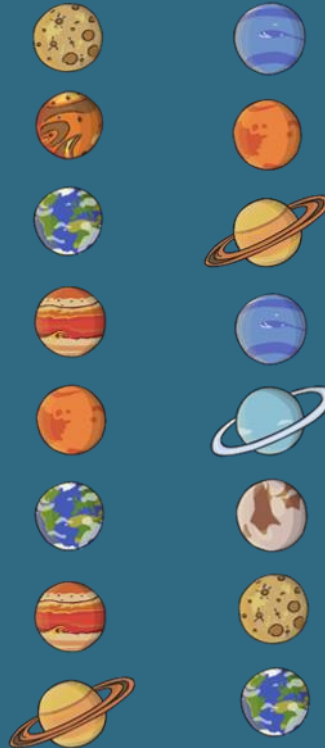


$$4 \times 10 = ?$$

How Many Planets Are There?

How many columns
are there?

2



How many planets in
each column?

8

$$2 \times 8 = ?$$

Can You Use an Array to Answer This Question?

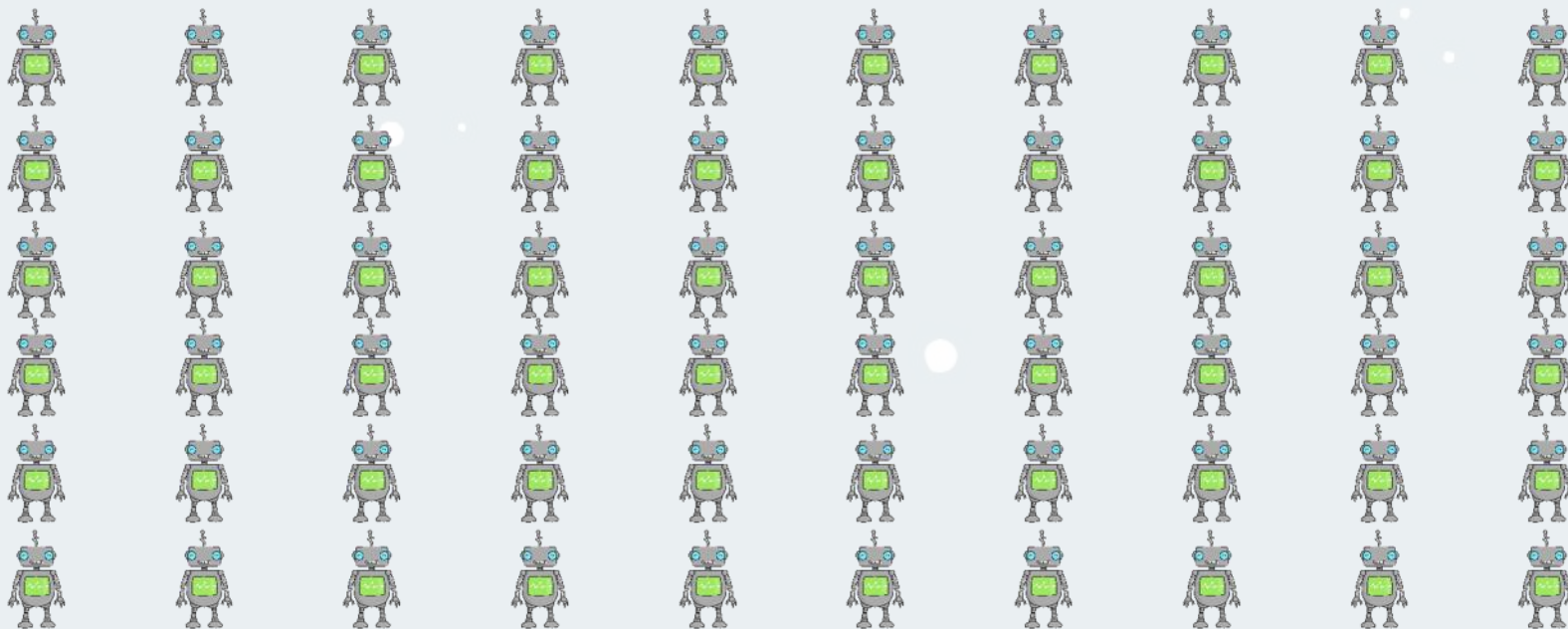
There are 5 astronauts in the spaceship. They each had 4 books.
How many books were on board the spaceship altogether?



It doesn't matter which way around you make the array –
the answer is the same!

Can You Use an Array to Answer This Question?

There are 10 aliens on Planet Zarg. Each alien has 6 robots.
How many robots are there altogether?



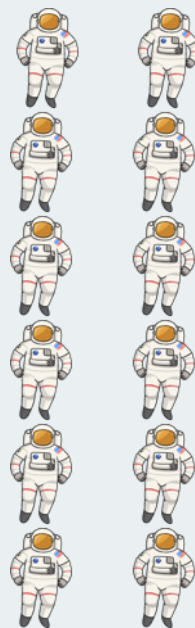
$$6 \times 10 = ?$$

or

$$10 \times 6 = ?$$

Can You Use an Array to Answer This Question?

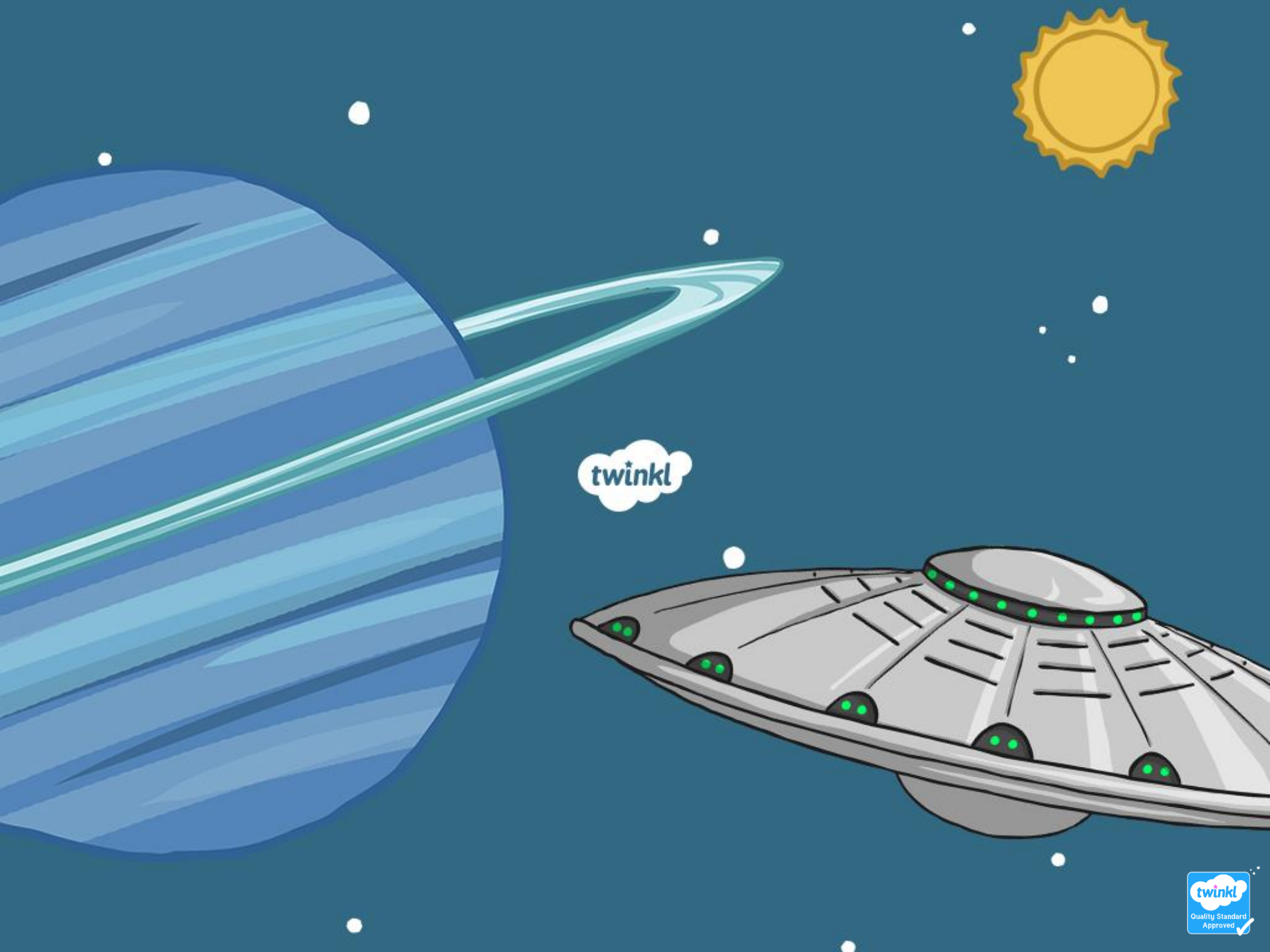
There are 2 astronauts on board the International Space Station (ISS) every month. How many astronauts will have been on the ISS after 6 months?



$$6 \times 2 = ?$$

or

$$2 \times 6 = ?$$



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