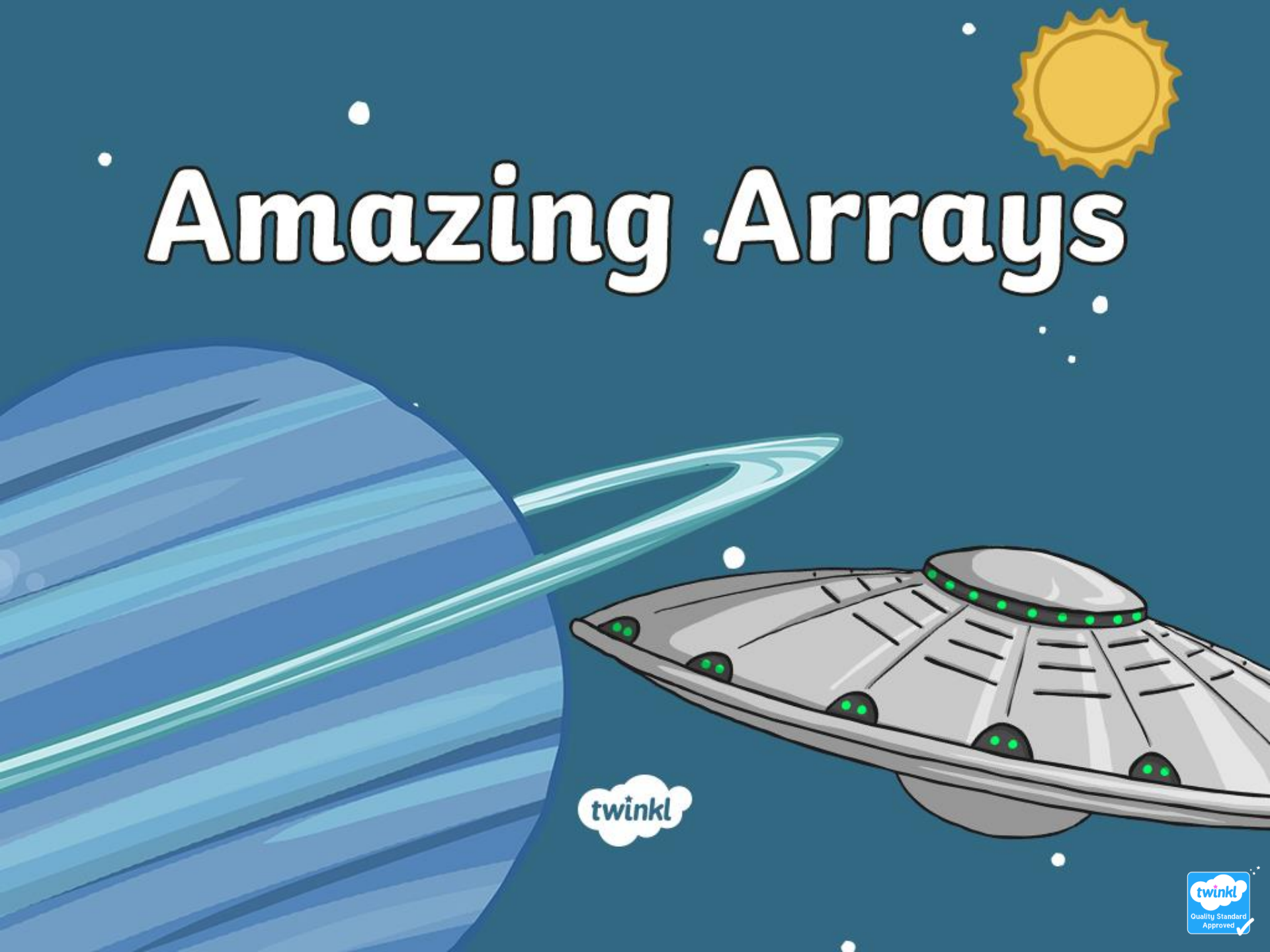


Amazing Arrays



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?

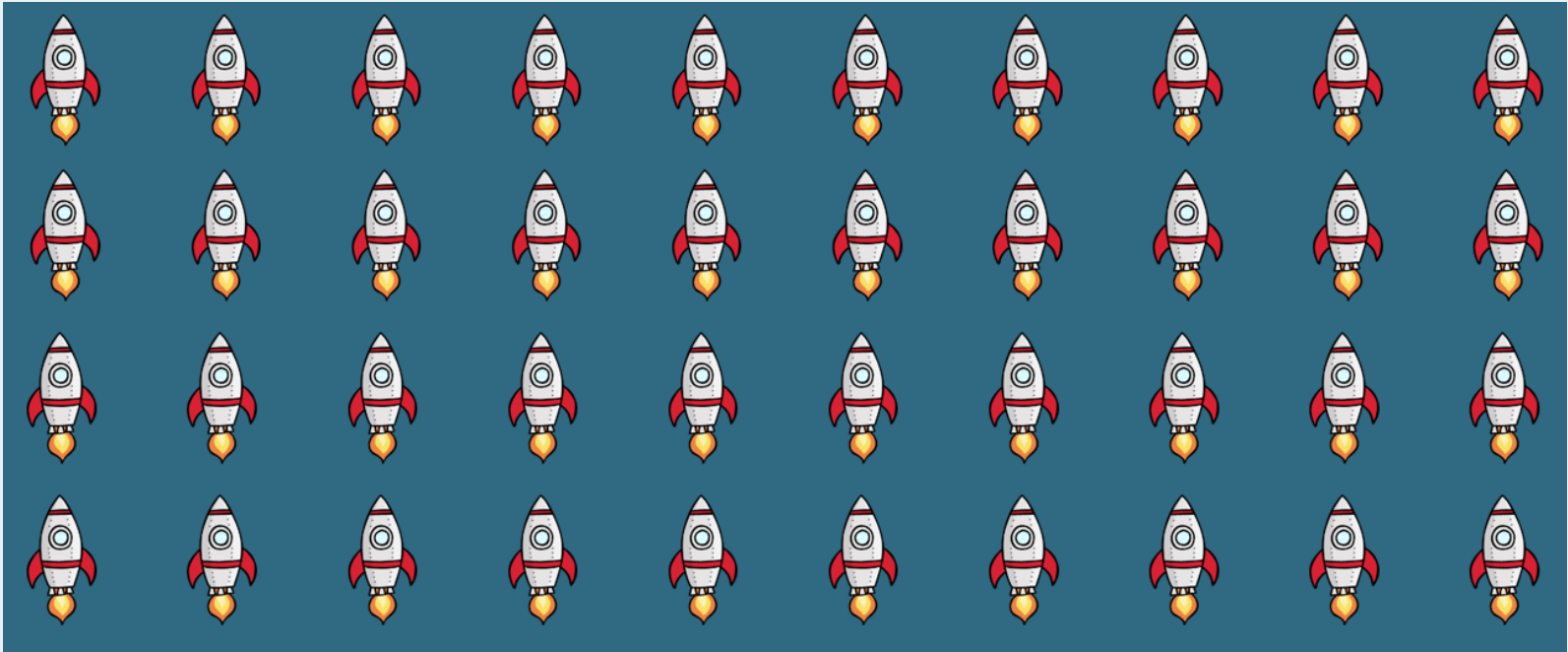
Remember: You don't need to count every star.
For this one you could count in 5s!



$$5 \times 5 = ?$$

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?

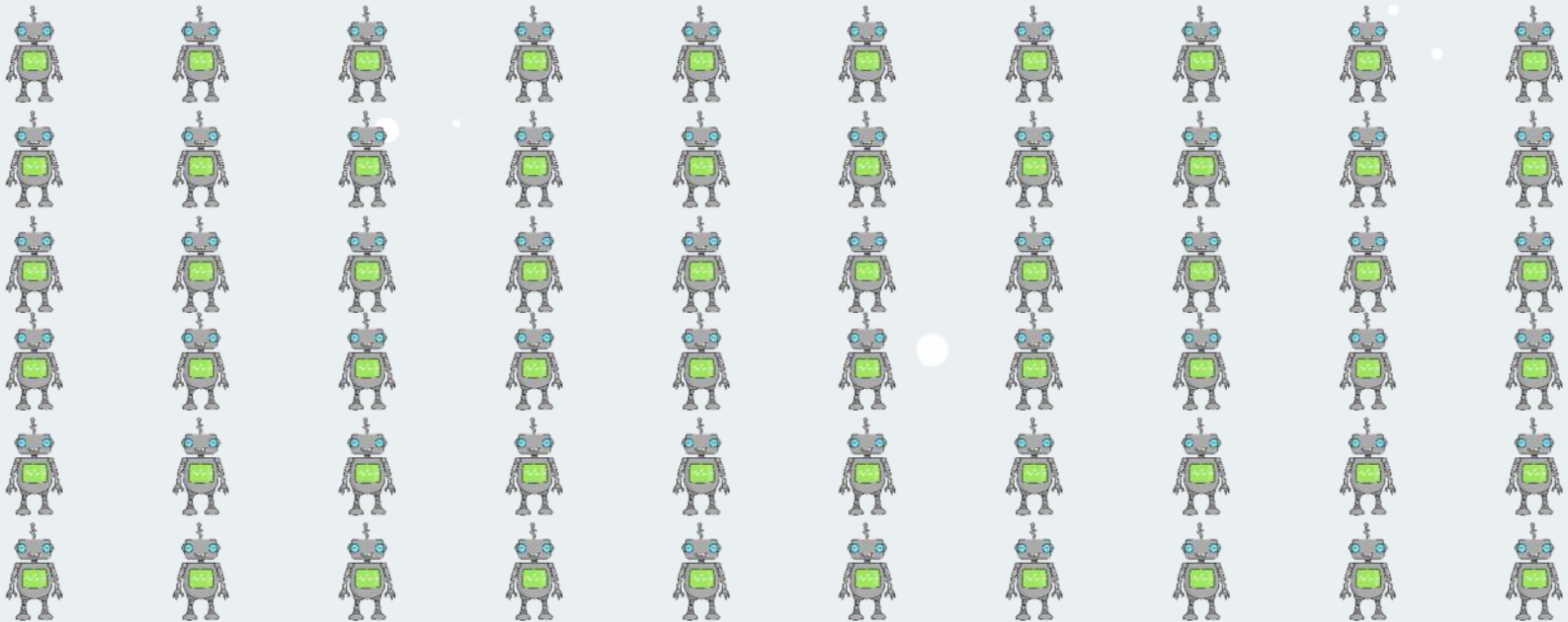
There are 5 astronauts in the spaceship. They each had 4 books.
How many books were on board the spaceship altogether?



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?



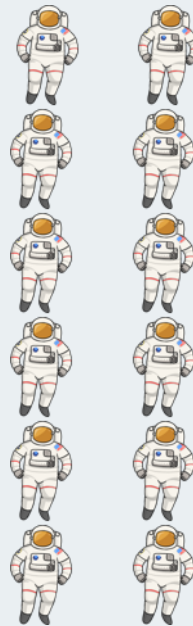
$$6 \times 10 = ?$$

or

$$10 \times 6 = ?$$

Can You Use an Array to Answer This Question?

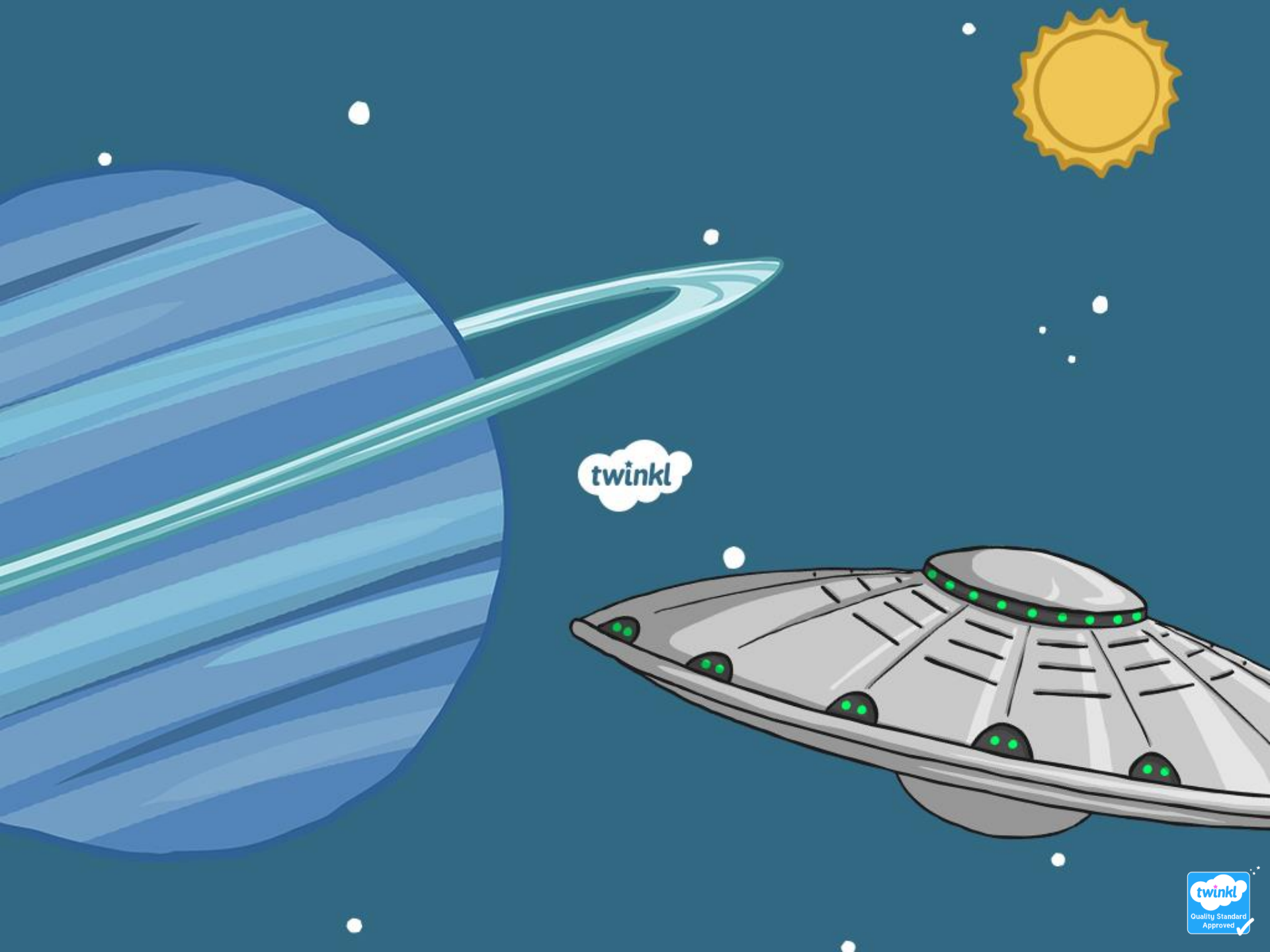
There are 2 astronauts on board the International Space Station (ISS) every month. How many astronauts will have been on the ISS after 6 months?



$$6 \times 2 = ?$$

or

$$2 \times 6 = ?$$



twinkl