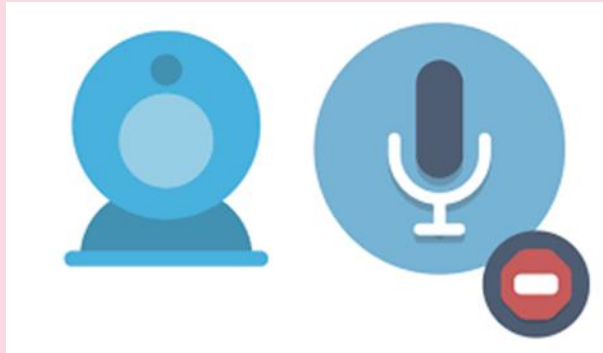


Welcome to Year 2 maths

The lesson will begin at 2pm

Please make sure your camera and microphone are turned off.



You will need some paper and a pencil.
You will also need some small counters.

Year 2 Unit 8: Fractions

Lesson 2: Fractions and division

Mathematics
Mastery



Can you work out half of each of these numbers?

2

4

6

8

10



Do Now



Key learning: To relate halves and quarters to division



equal parts

quarter



share



whole



fraction

divide

half



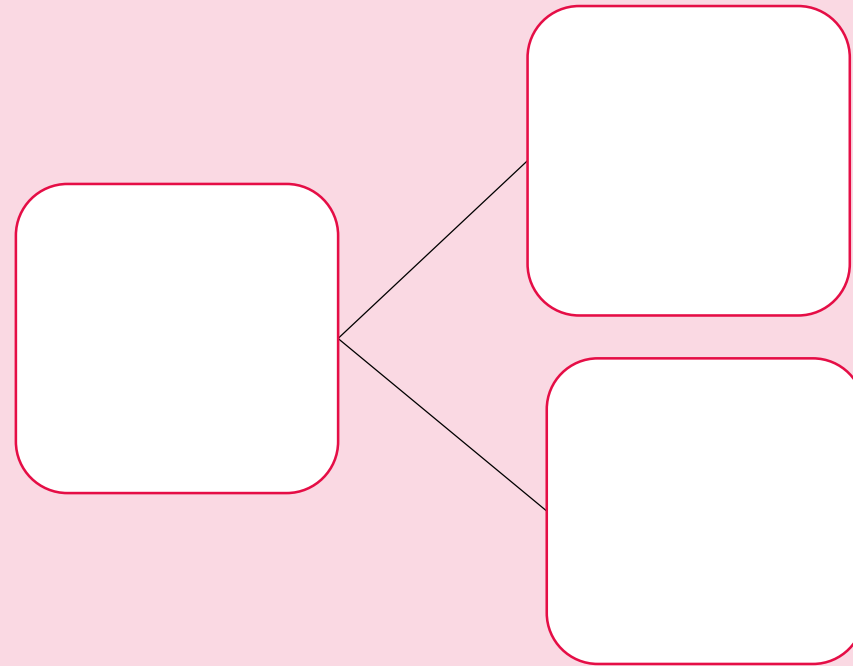
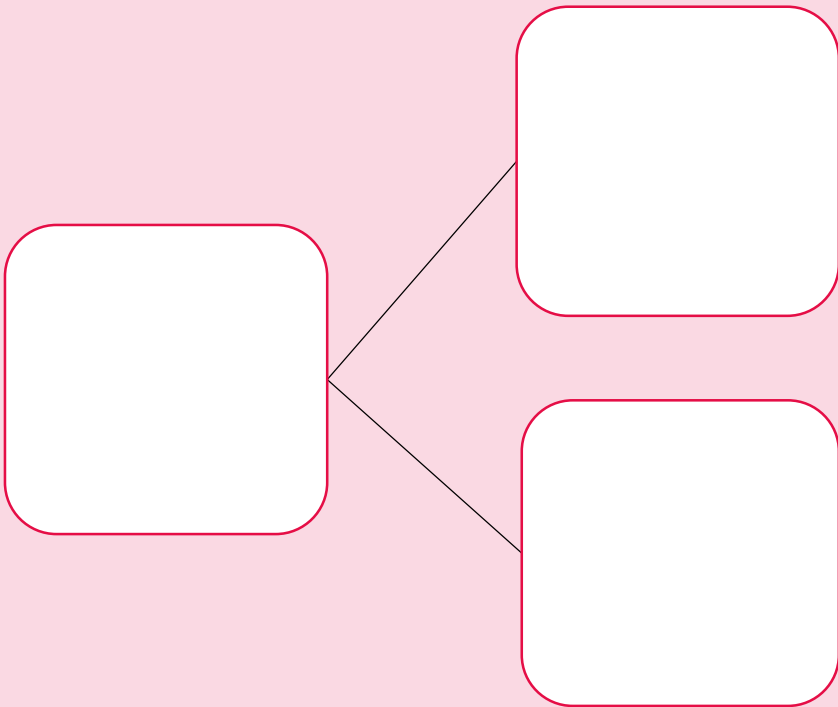
Star Words



Dividing into two equal parts

$$2 \div 2 = 1$$

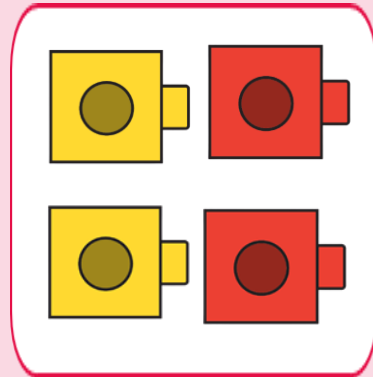
$$\text{Half of } 2 =$$



Halving and dividing

- **Pupil A:** Choose a number from the sheet and find half on the part-whole model. Describe the whole and the parts.
- **Pupil B:** Take the same whole and divide it by two on the part-whole model. Say a division equation.

I have chosen four. Half of four is equal to two. Four is the whole. The parts are both two.



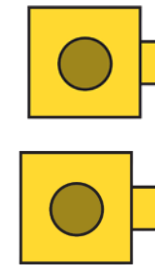
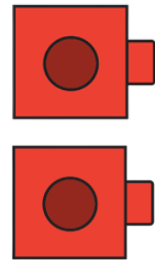
I'm going to divide the whole by two. Four divided by two is equal to two.



Halving and dividing

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- **Pupil B:** Take the same whole and divide it by two on the part-whole model. Say a division equation.

I have chosen four. Half of four is equal to two. Four is the whole. The parts are both two.



I'm going to divide the whole by two. Four divided by two is equal to two.



Halving and dividing

- **Pupil A:** Choose one of these numbers and find half on the part-whole model. Describe the whole and the parts.

10 14 16 20

Whole

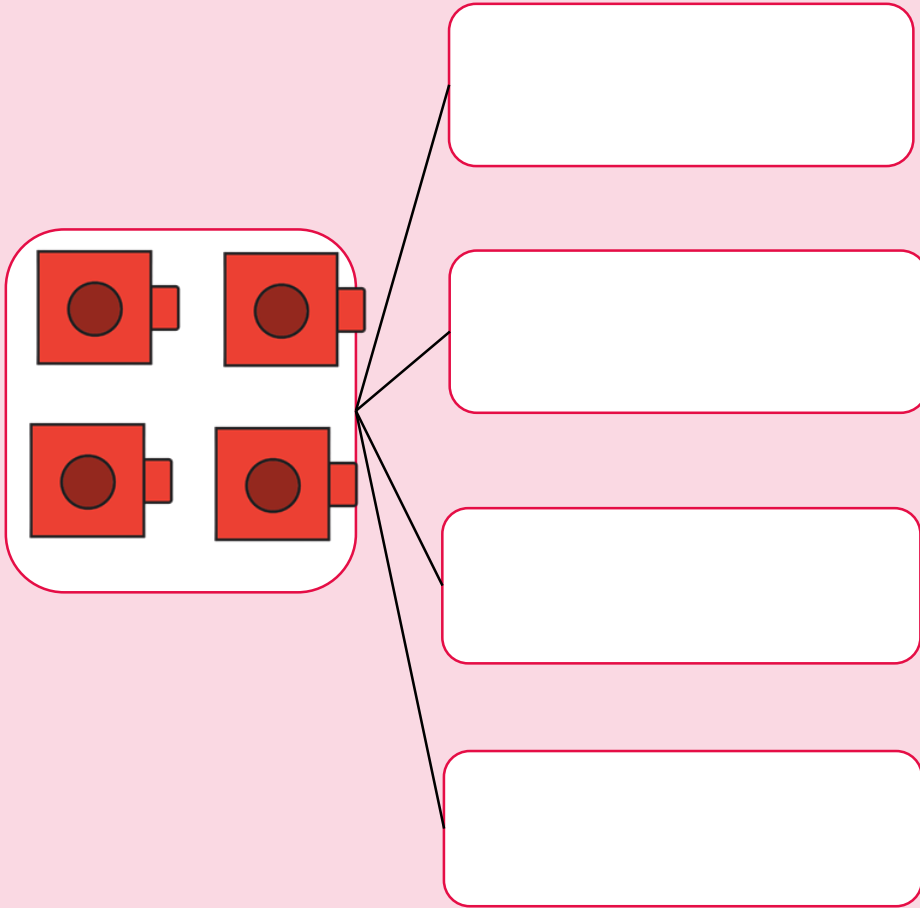
Part

Part

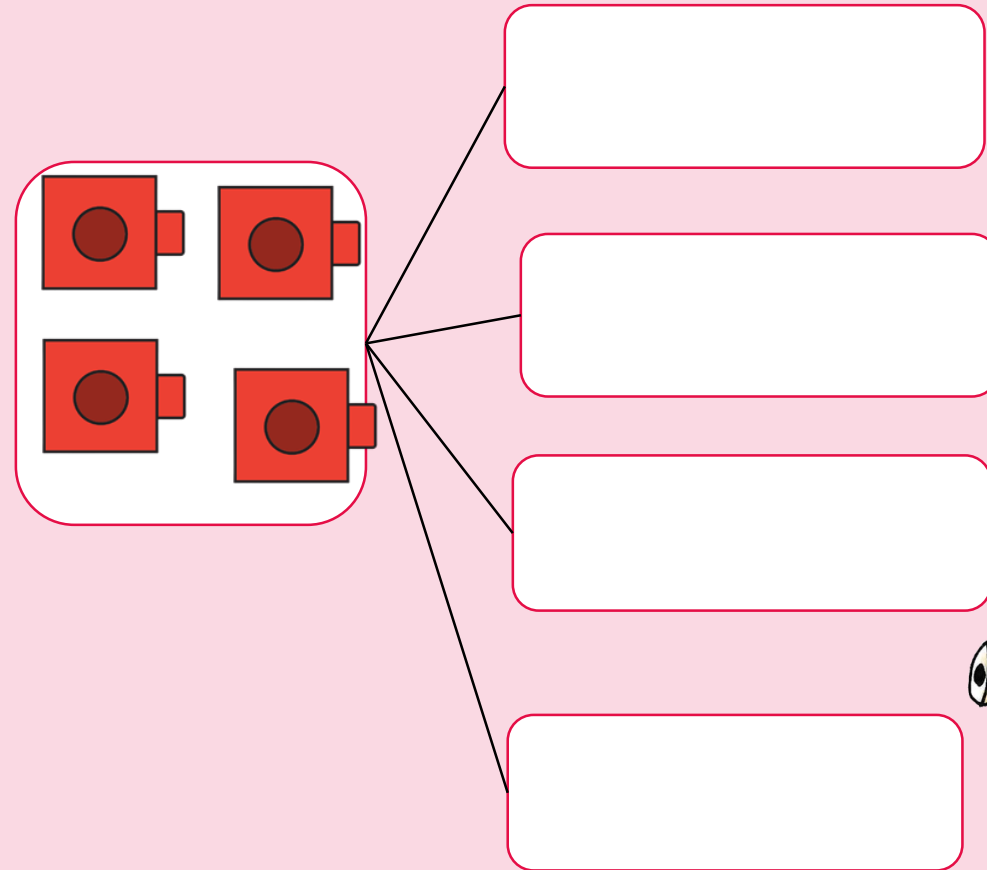


Dividing into four equal parts

$$4 \div 4 = ?$$

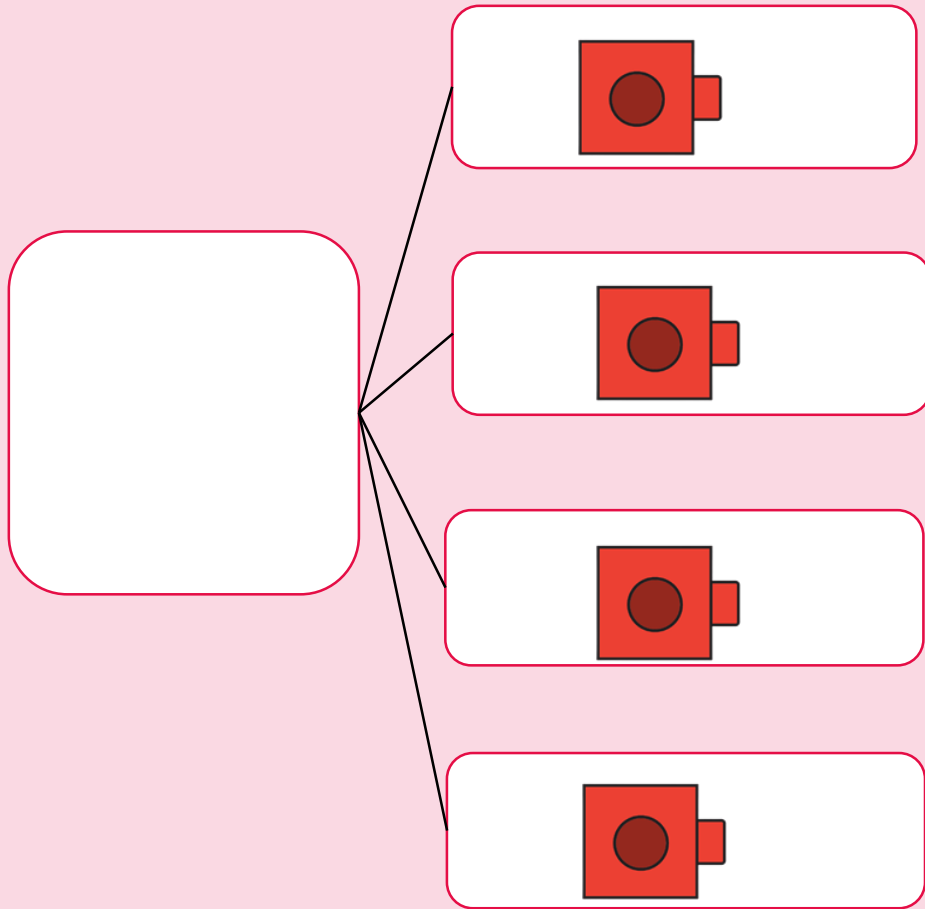


A quarter of 4 = ?

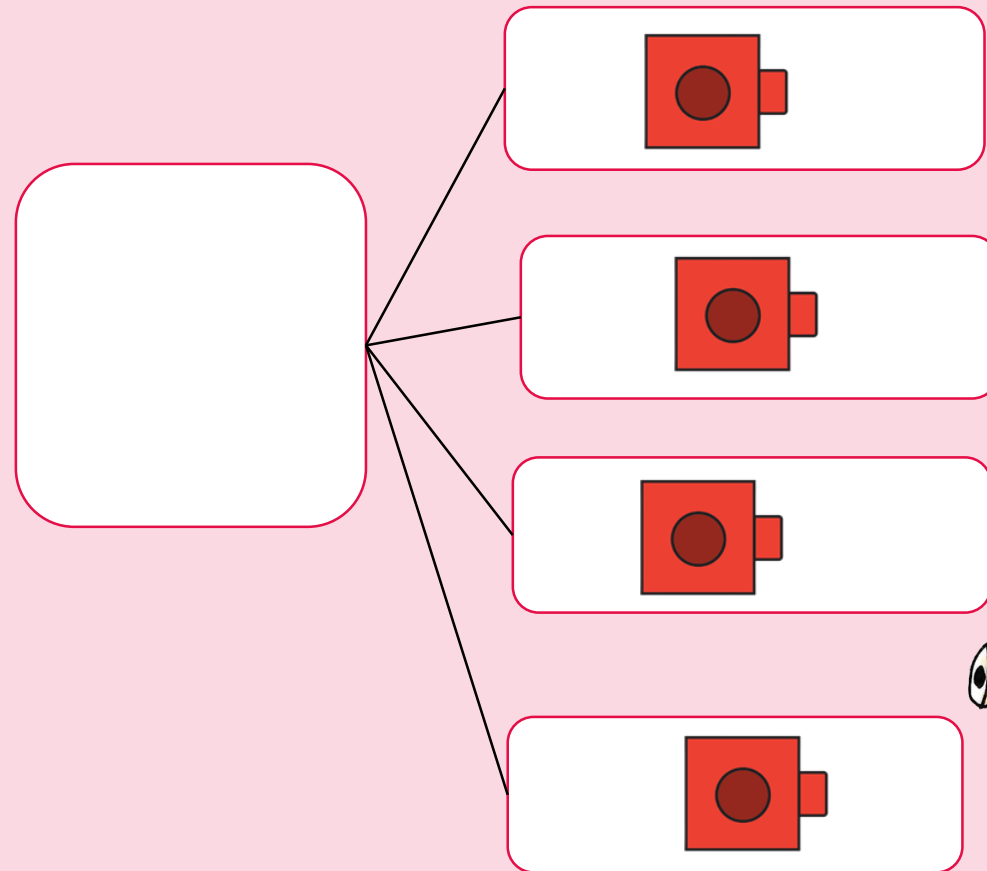


Dividing into four equal parts

$$4 \div 4 = 1$$

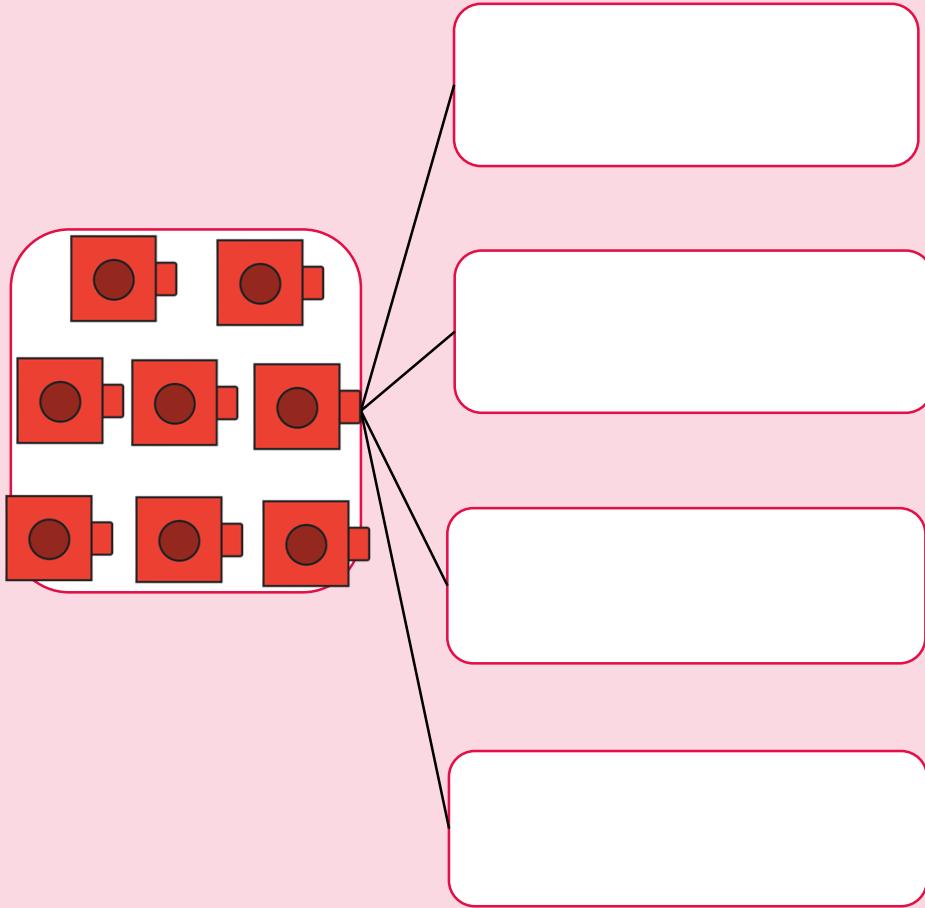


A quarter of 4 = 1

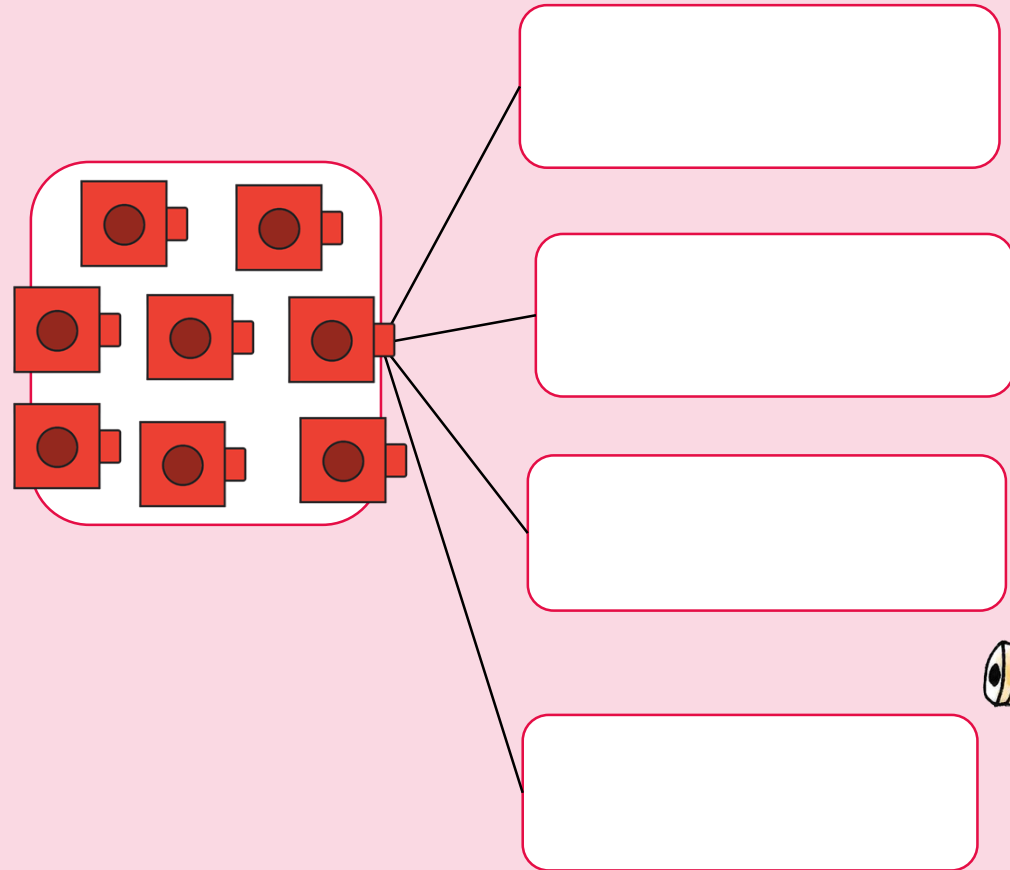


Dividing into four equal parts

$$8 \div 4 = ?$$

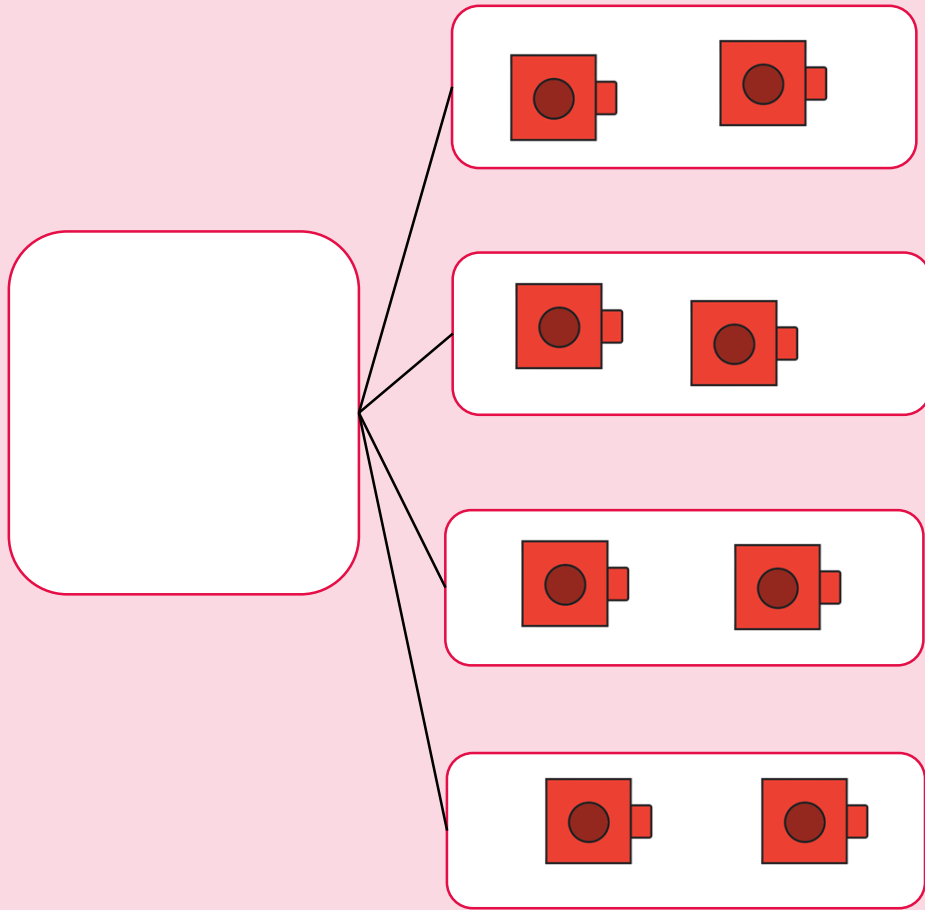


A quarter of 8 = ?

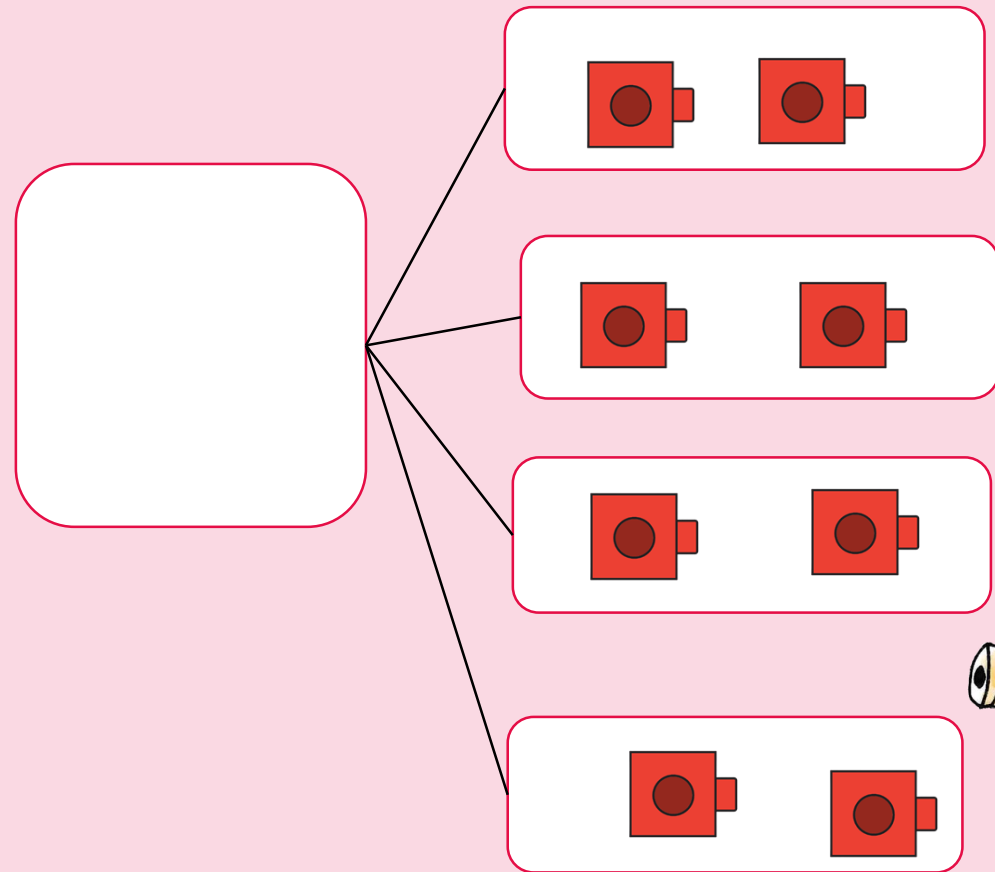


Dividing into four equal parts

$$8 \div 4 = 2$$



A quarter of 8 = 2



Key learning: To relate halves and quarters to division

Pick a number.

Divide it by four.

Find one quarter of it.

Draw a pictorial representation of it on a part/whole model.

8

12

16

20

Challenge yourself.

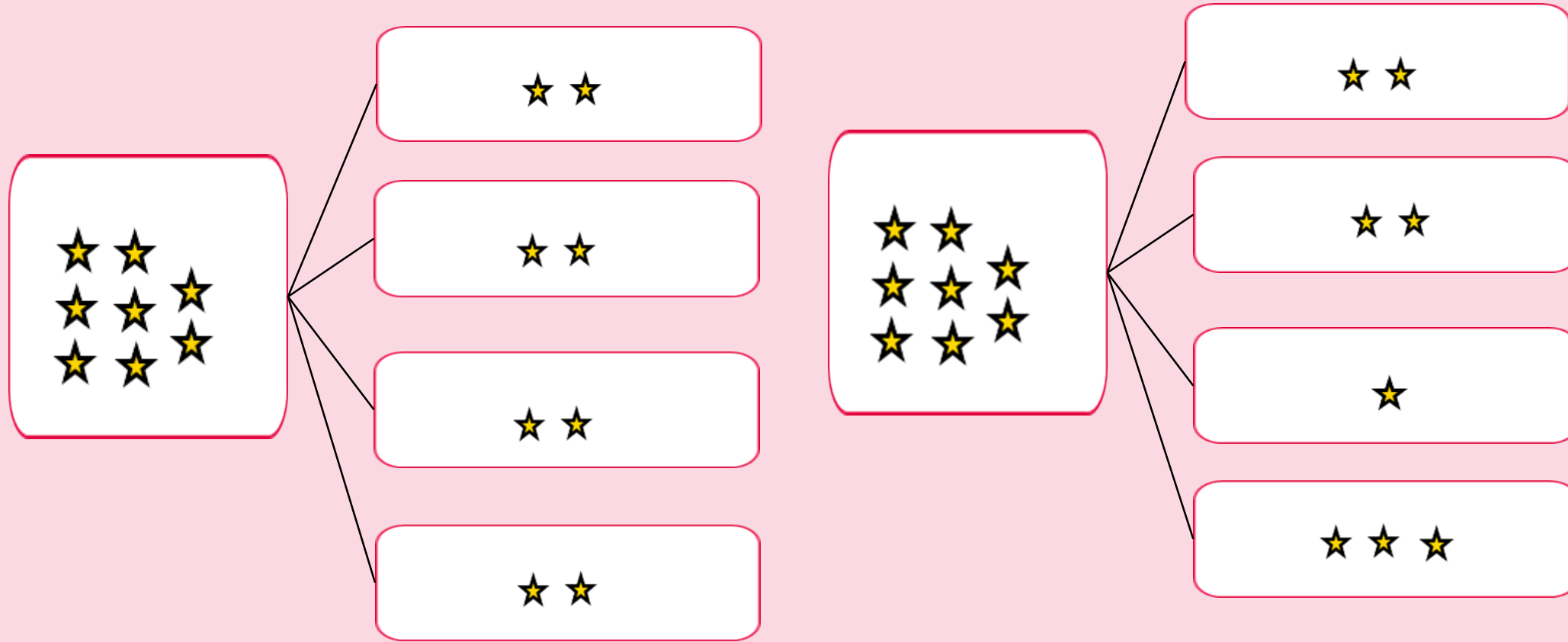
What other numbers can you find $\frac{1}{4}$ of?



Independent Task



Spot the difference



Plenary



Time:	Activity	Type:
09:00: 09:30	Mindfulness Breakfast. My On/TT Rockstars	My on TT Rockstars
09:30 – 10:20	Phonics	Live Teams meeting
Break 10:20 – 10:35		
10:35 – 11:45	English and handwriting	Live Teams meeting
11:45 – 12:00	Independent Task	MyOn/RWI books TTrockstars
Lunch 12:00 – 12:45		
12:45 – 1:50	Maths Meet and Maths	Live Teams meeting
1:50 – 2.30	Computing	Video and Teams assignment
2:35 – 2.50	Story time	Live



Timetable

