

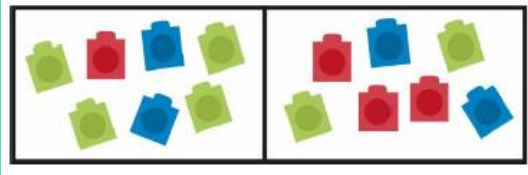
1&2LS20 Y2: Step 5

Rehearse and Reason – answers

Finding half of an amount, linked to division and sharing a whole into two equal groups

WORKED EXAMPLE

14 cubes have been shared between 2.



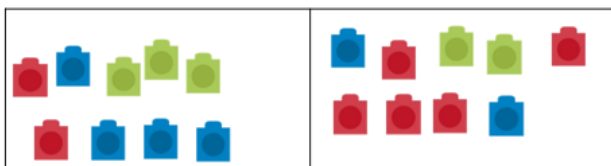
14 shared between 2 is 7.

$$14 \div 2 = 7$$

Half of 14 is 7. $\frac{1}{2}$ of 14 = 7

REHEARSE

Record what you know from this model.



_____ shared between _____ is _____.

$$\text{_____} \div \text{_____} = \text{_____}$$

Half of _____ is _____. $\frac{1}{2}$ of _____ = _____

REHEARSE

Find the halves in each problem and record each as $\frac{1}{2}$ of _____ = _____.

You could use a beadstring or base-10 equipment.

$$\frac{1}{2} \text{ of } 46 =$$

$$\frac{1}{2} \text{ of } \text{_____} = \text{_____}$$

Half of 22 is

$$\frac{1}{2} \text{ of } \text{_____} = \text{_____}$$

Half of 82 =

$$\frac{1}{2} \text{ of } \text{_____} = \text{_____}$$

$$60 \div 2 =$$

$$\frac{1}{2} \text{ of } \text{_____} = \text{_____}$$

What is 68 shared into two groups?

$$\frac{1}{2} \text{ of } \text{_____} = \text{_____}$$

Now try these.

$$\frac{1}{2} \text{ of } 56 =$$

$$\frac{1}{2} \text{ of } \text{_____} = \text{_____}$$

Half of 34 is

$$\frac{1}{2} \text{ of } \text{_____} = \text{_____}$$

Half of 98 =

$$\frac{1}{2} \text{ of } \text{_____} = \text{_____}$$

$$70 \div 2 =$$

$$\frac{1}{2} \text{ of } \text{_____} = \text{_____}$$

What is 54 shared into two groups?

$$\frac{1}{2} \text{ of } \text{_____} = \text{_____}$$

APPLY AND EXPLORE

Look carefully at the two sets of calculations. Why are the second set more difficult?

Write one more calculation to go in each set of calculations.

RETRIEVE

Can I still add two 2-digit numbers with regrouping?

What is the sum of 18 and 24? Prove it below.

Tens	Ones
_____	_____
+	_____
_____	_____
_____	_____

REHEARSE

Can you use all these words to talk about the model? What could you record?

shared $\frac{1}{2}$ divided half groups ÷ equals

