

Varied Fluency

Step 3: Find a Half

National Curriculum Objectives:

Mathematics Year 2: (2F1a) [Recognise, find, name and write fractions \$\frac{1}{3}\$, \$\frac{1}{4}\$, \$\frac{2}{4}\$ and \$\frac{3}{4}\$ of a length, shape, set of objects or quantity](#)

Mathematics Year 2: (2F1b) [Write simple fractions for example, \$\frac{1}{2}\$ of \$6 = 3\$](#)

Differentiation:

Developing Questions to support finding a half by dividing the whole number or quantity into two equal parts, grouped pictorial support and scaffolding provided.

Expected Questions to support finding a half by dividing the whole number or quantity into two equal parts, pictorial support or scaffolding provided.

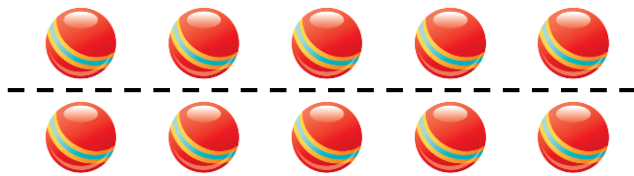
Greater Depth Questions to support finding a half of whole numbers or quantities. No scaffolding provided.

More [Year 2 Fractions](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Find a Half

1a. Find half of the cricket balls. Tick a box to show the answer.



6 ☐

5 ☐

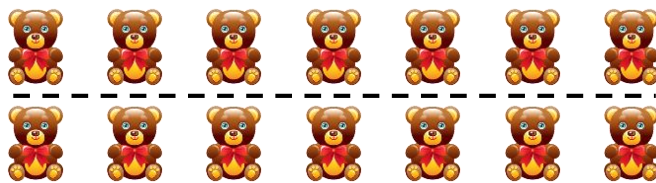
4 ☐



VF

Find a Half

1b. Find half of the bears. Tick a box to show the answer.



6 ☐

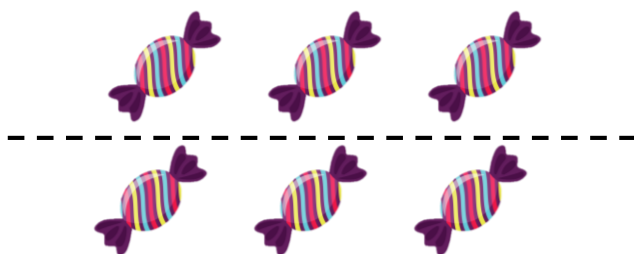
7 ☐

8 ☐



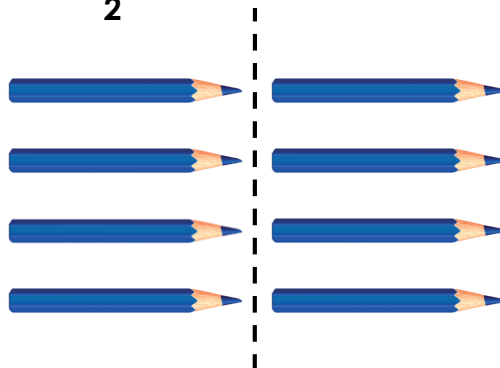
VF

2a. Circle $\frac{1}{2}$ of the sweets below.



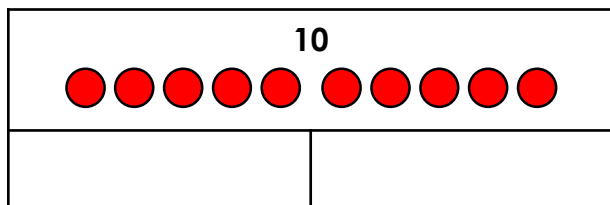
VF

2b. Circle $\frac{1}{2}$ of the pencils below.



VF

3a. Use the counters to complete the bar model.

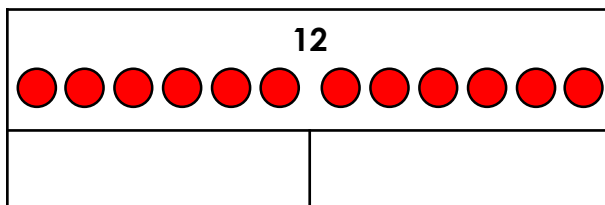


The whole is ☐. Half of ☐ is ☐.



VF

3b. Use the counters to complete the bar model.

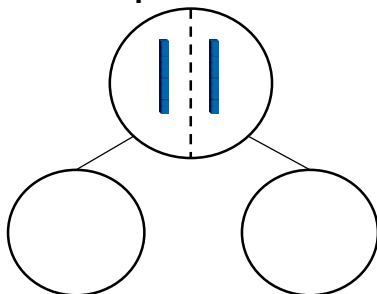


The whole is ☐. Half of ☐ is ☐.



VF

4a. Complete the part-whole model.

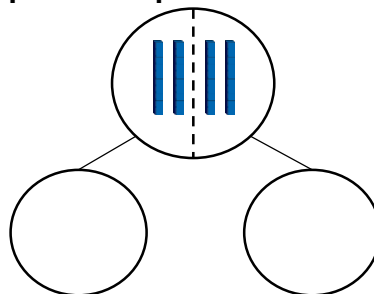


$\frac{1}{2}$ of ☐ = ☐



VF

4b. Complete the part-whole model.



$\frac{1}{2}$ of ☐ = ☐



VF

Find a Half

5a. Find half of the balloons. Tick a box to show the answer.



9 ☐

8 ☐

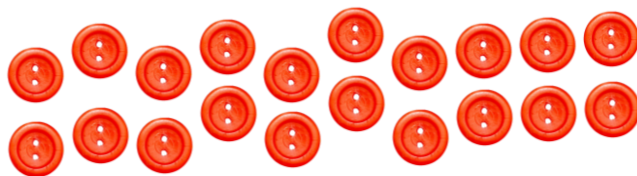
7 ☐



VF

Find a Half

5b. Find half of the buttons. Tick a box to show the answer.



10 ☐

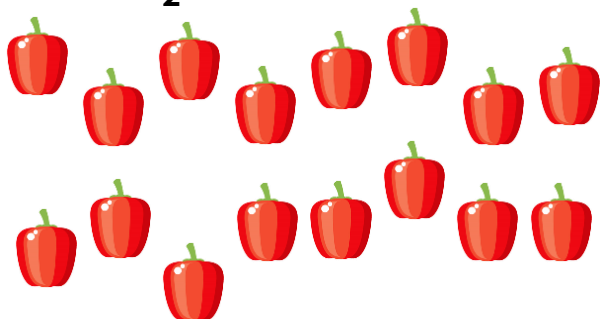
11 ☐

12 ☐



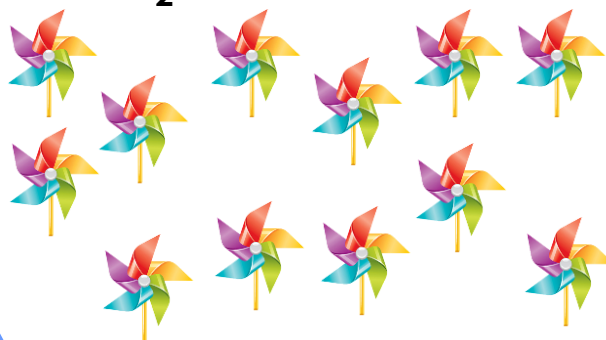
VF

6a. Circle $\frac{1}{2}$ of the peppers below.



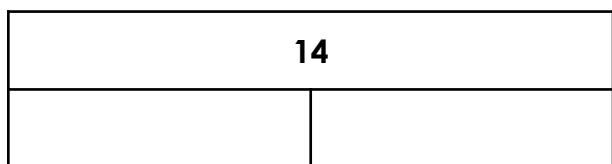
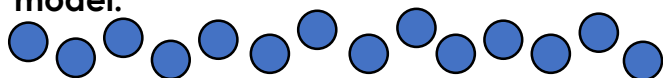
VF

6b. Circle $\frac{1}{2}$ of the windmills below.



VF

7a. Use the counters to complete the bar model.

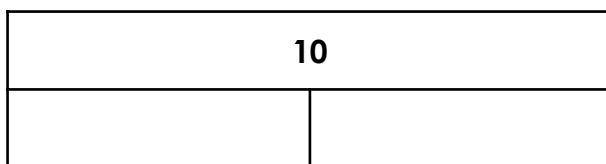
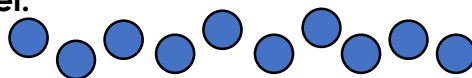


The whole is ☐. Half of ☐ is ☐.



VF

7b. Use the counters complete the bar model.

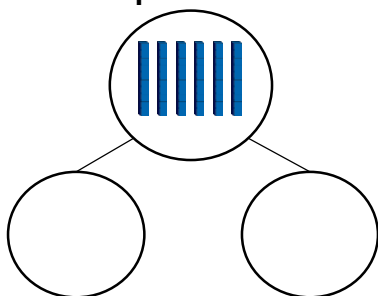


The whole is ☐. Half of ☐ is ☐.



VF

8a. Complete the part-whole model.

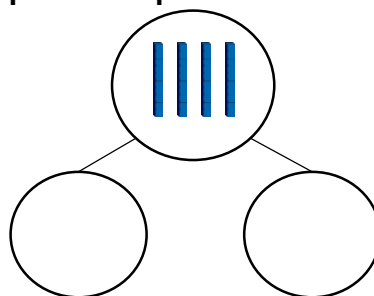


$$\frac{1}{2} \text{ of } \square = \square$$



VF

8b. Complete the part-whole model.



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



VF

Find a Half

9a. Find half of the cakes.



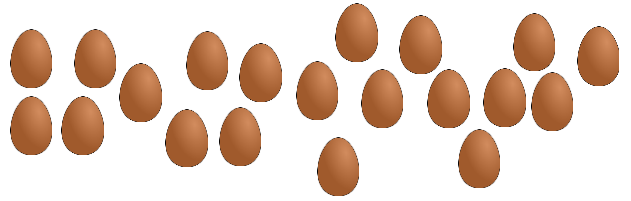
$\frac{1}{2}$ of is



VF

Find a Half

9b. Find half of the eggs.



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



VF

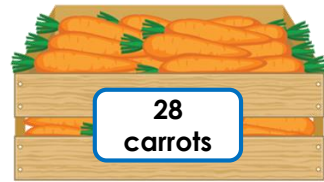
10a. Find $\frac{1}{2}$ of the sweets below.





VF

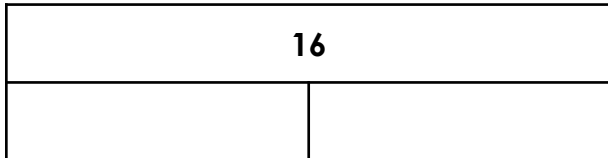
10b. Find $\frac{1}{2}$ of the carrots below.





VF

11a. Complete the bar model.



The whole is . Half of is .



VF

11b. Complete the bar model.

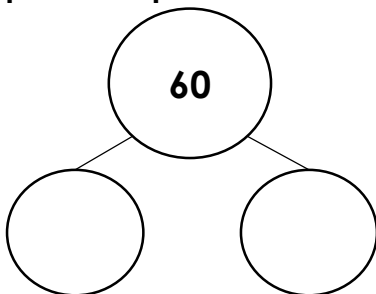


The whole is . Half of is .



VF

12a. Complete the part-whole model.

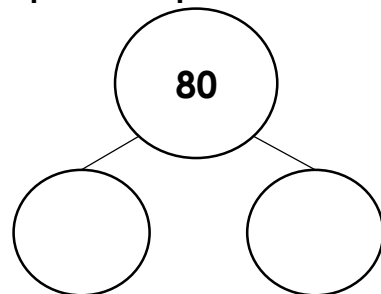


$\frac{1}{2}$ of =



VF

12b. Complete the part-whole model.



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



VF

Varied Fluency
Find a Half

Developing

- 1a. 5
2a. 3 sweets circled.
3a. The numeral 5 or 5 counters placed in each part of the bar model.
The whole is 10. Half of 10 is 5.
4a. The numeral 10 or a ten stick placed in each part of the part-whole model.
Half of 20 is 10.

Expected

- 5a. 9
6a. 8 peppers circled.
7a. The numeral 7 or 7 counters placed in each part of the bar model.
The whole is 14. Half of 14 is 7.
8a. The numeral 30 or 3 ten sticks placed in each part of the part-whole model.
Half of 60 is 30.

Greater Depth

- 9a. Half of 18 is 9.
10a. 20
11a. 8 written in each part of the bar model.
The whole is 16. Half of 16 is 8.
12a. 30 written in each part of the part-whole model.
Half of 60 is 30.

Varied Fluency
Find a Half

Developing

- 1b. 7
2b. 4 pencils circled.
3b. The numeral 6 or 6 counters placed in each part of the bar model.
The whole is 12. Half of 12 is 6.
4b. The numeral 20 or 2 ten sticks placed in each part of the part-whole model.
Half of 40 is 20.

Expected

- 5b. 10
6b. 6 windmills circled.
7b. The numeral 5 or 5 counters placed in each part of the bar model.
The whole is 10. Half of 10 is 5.
8b. The numeral 20 or 2 ten sticks placed in each part of the part-whole model.
Half of 40 is 20.

Greater Depth

- 9b. Half of 20 is 10.
10b. 14
11b. 11 written in each part of the bar model.
The whole is 22. Half of 22 is 11.
12b. 40 written in each part of the part-whole model.
Half of 80 is 40.