

Varied Fluency

Step 3: Divide by 2

National Curriculum Objectives:

Mathematics Year 2: (2C7) [Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication \(\$\times\$ \), division \(\$\div\$ \) and equals \(\$=\$ \) signs](#)

Mathematics Year 2: (2C8) [Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts](#)

Differentiation:

Developing Questions to support comparing and dividing numbers by 2. Includes pictorial support for every question.

Expected Questions to support comparing and dividing numbers by 2. Includes some pictorials and a variety of representations.

Greater Depth Questions to support comparing and dividing numbers by 2. Includes limited pictorials, some of which have a value of more than 1.

More [Year 2 Multiplication and Division](#) resources.

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

Divide by 2

Divide by 2

1a. Divide the 8 slices by 2.



$$8 \div 2 = \square$$

VF

1b. Divide the 12 buttons by 2.

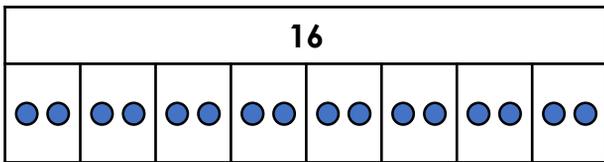


$$12 \div 2 = \square$$

VF

2a. Using the bar model, circle the mistake in the calculation.

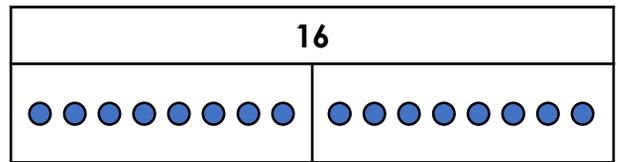
$$14 \div 2 = 8$$



VF

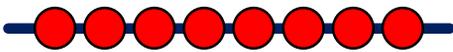
2b. Using the bar model, circle the mistake in the calculation.

$$16 \div 2 = 9$$



VF

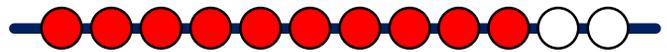
3a. Use the bead string to calculate half of 8.



$$\square \div 2 = \square$$

VF

3b. Use the bead string to calculate half of 12.



$$\square \div 2 = \square$$

VF

4a. Tick the representation that matches the calculation. Complete the missing number.

$$24 \div 2 = \square$$

A.

B.



VF

4b. Tick the representation that matches the calculation. Complete the missing number.

$$\square \div 2 = 6$$

A.

B.

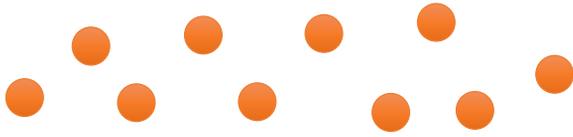


VF

Divide by 2

Divide by 2

5a. Divide the 10 circles by 2.

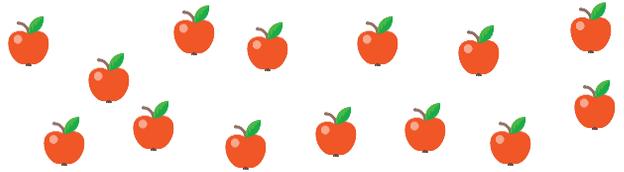


10 ÷ 2 =



VF

5b. Divide the 14 apples by 2.



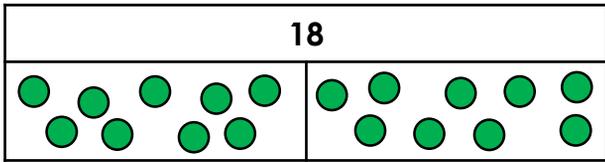
14 ÷ 2 =



VF

6a. Using the bar model, circle the mistake in the calculation.

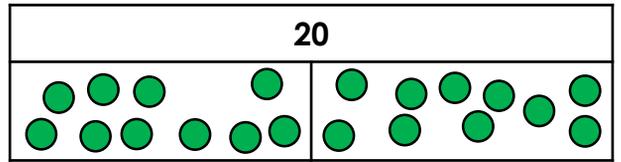
18 ÷ 2 = 8



VF

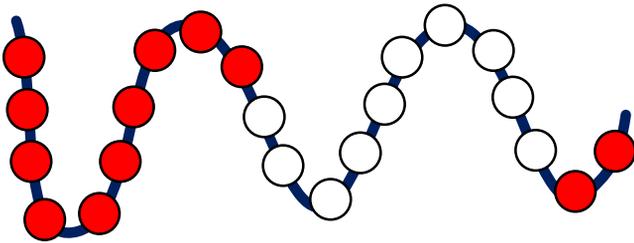
6b. Using the bar model, circle the mistake in the calculation.

22 ÷ 2 = 10



VF

7a. Use the bead string to calculate half of 22.

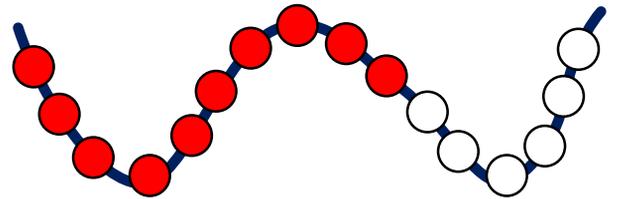


÷ 2 =



VF

7b. Use the bead string to calculate half of 16.



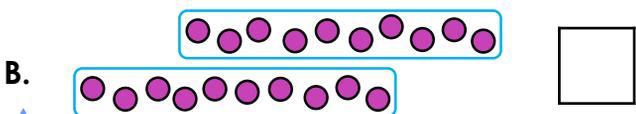
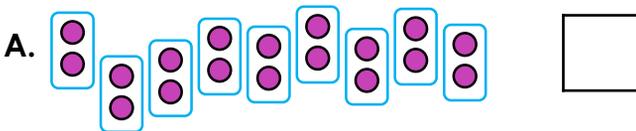
÷ 2 =



VF

8a. Tick the representation that matches the calculation. Complete the missing number.

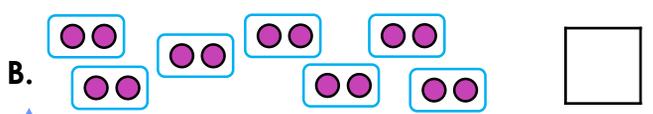
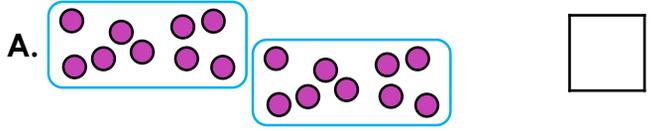
÷ 2 = 10



VF

8b. Tick the representation that matches the calculation. Complete the missing number.

÷ 2 = 9



VF

Divide by 2

9a. Divide the 20p by 2.



$$20p \div 2 = \square$$



VF

Divide by 2

9b. Divide the 24p by 2.



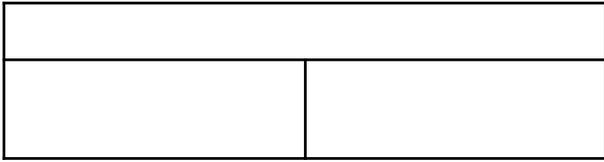
$$24p \div 2 = \square$$



VF

10a. Complete the bar model and calculation.

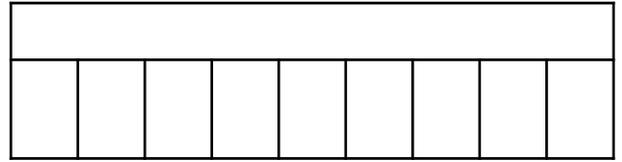
$$24 \div \square = \square$$



VF

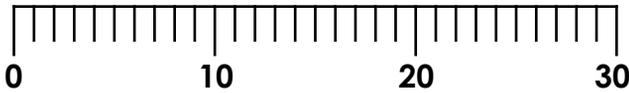
10b. Using the bar model, circle the mistake in the calculation.

$$\square \div 2 = \square$$



VF

11a. Use the number line to calculate half of 28.



$$\square \div 2 = \square$$



VF

11b. Use the number line to calculate half of 26.



$$\square \div 2 = \square$$



VF

12a. Tick the representation that matches the calculation. Complete the missing number.

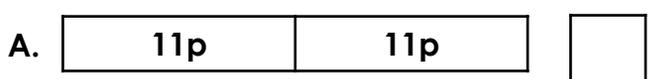
$$18p \div 2 = \square$$



VF

12b. Tick the representation that matches the calculation. Complete the missing number.

$$24p \div 2 = \square$$



VF

Varied Fluency Divide by 2

Developing

- 1a. **4**
2a. **14 circled.**
3a. **$8 \div 2 = 4$**
4a. **B ticked. $24 \div 2 = 12$**

Expected

- 5a. **5**
6a. **8 circled.**
7a. **$22 \div 2 = 11$**
8a. **B ticked. $20 \div 2 = 10$**

Greater Depth

- 9a. **10p**
10a. **$24 \div 2 = 12$; 12 images in each part of the bar model with 24 written in the whole.**
11a. **$28 \div 2 = 14$**
12a. **B ticked. $18p \div 2 = 9p$**

Varied Fluency Divide by 2

Developing

- 1b. **6**
2b. **9 circled.**
3b. **$12 \div 2 = 6$**
4b. **A ticked. $12 \div 2 = 6$**

Expected

- 5b. **7**
6b. **22 circled.**
7b. **$16 \div 2 = 8$**
8b. **A ticked. $18 \div 2 = 9$**

Greater Depth

- 9b. **12p**
10b. **$18 \div 2 = 9$; 2 images in each part of the bar model with 18 written in the whole.**
11b. **$26 \div 2 = 13$**
12b. **B ticked. $24p \div 2 = 12p$**