

Varied Fluency

Step 9: Divide by 8

National Curriculum Objectives:

Mathematics Year 3: (3C6) [Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables](#)

Mathematics Year 3: (3C7) [Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods](#)

Differentiation:

Developing Questions to support dividing by 8. Up to 12×8 with pictorial support for each question where each digit is represented.

Expected Questions to support dividing by 8. Up to 12×8 with scaffolding or pictorial support.

Greater Depth Questions to support dividing by 8. Up to 12×8 with no scaffolding support provided.

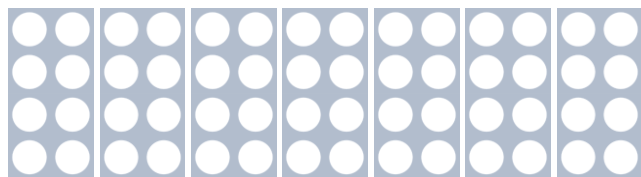
More [Year 3 Multiplication and Division](#) resources.

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

Divide by 8

1a. True or false?

$$56 \div 8 = 7$$



VF

2a. Complete the calculation to match the representation.



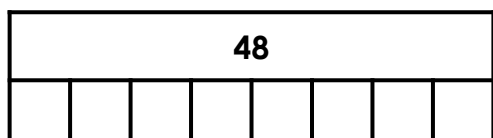
$$\square \div 8 = \square$$



VF

3a. Complete the bar model to show the calculation below.

$$48 \div 8 = \square$$



VF

4a. Create two number sentences using the cards below.

$$8 = 3 \quad 24 \div$$

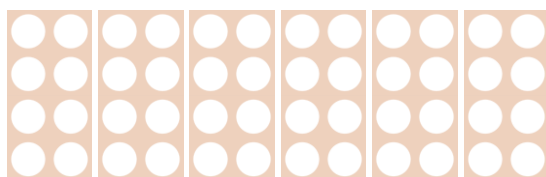


VF

Divide by 8

1b. True or false?

$$44 \div 8 = 6$$



VF

2b. Complete the calculation to match the representation.



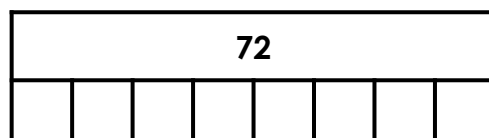
$$\square \div 8 = \square$$



VF

3b. Complete the bar model to show the calculation below.

$$72 \div 8 = \square$$



VF

4b. Create two number sentences using the cards below.

$$8 = \div \quad 56 \quad 7$$

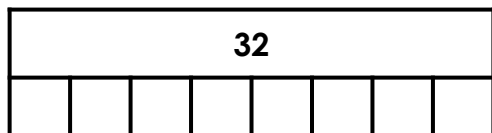


VF

Divide by 8

5a. True or false?

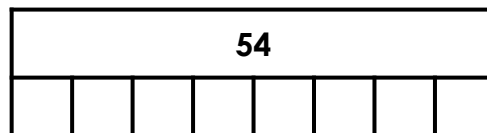
$$32 \div 8 = 5$$



VF

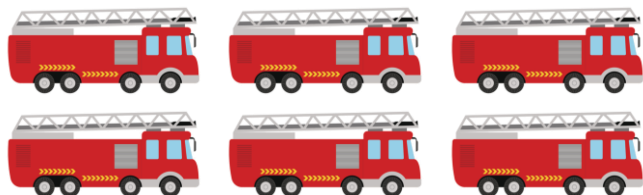
5b. True or false?

$$56 \div 8 = 6$$



VF

6a. Complete the calculation to match the representation.

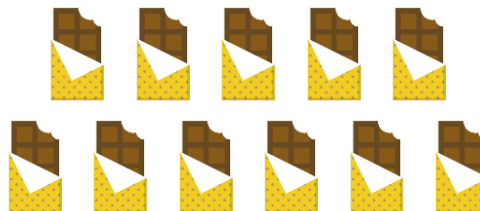


$$\square \div 8 = \square$$



VF

6b. Complete the calculation to match the representation.



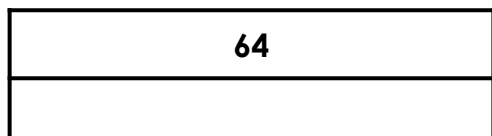
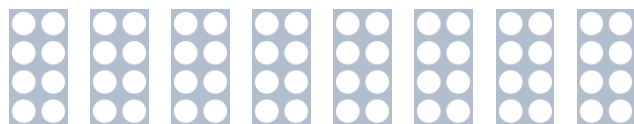
$$\square \div 8 = \square$$



VF

7a. Complete the bar model to show the calculation below.

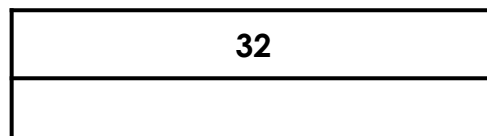
$$64 \div 8 = \square$$



VF

7b. Complete the bar model to show the calculation below.

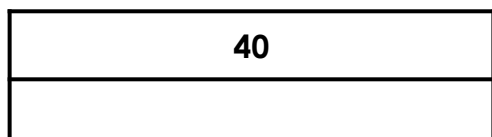
$$32 \div 8 = \square$$



VF

8a. Create two number sentences using the cards below.

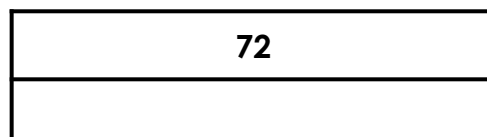
$$8 = 5 \quad 2 \quad 40 \quad \div$$



VF

8b. Create two number sentences using the cards below.

$$8 = \div 72 \quad 7 \quad 9$$



VF

Divide by 8

9a. True or false?

There are 72 books shared between 8 shelves.

There are 9 books on each shelf.



VF

Divide by 8

9b. True or false?

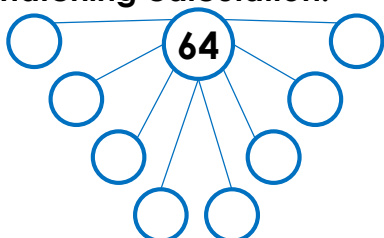
I share 40 sweets into 8 bags.

There will be 6 sweets in each bag.



VF

10a. Complete the part-whole model and write a matching calculation.

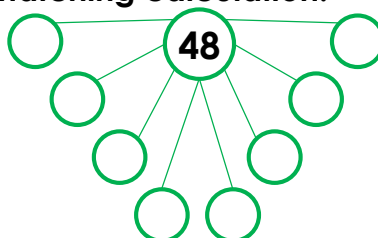


$$\square \div \square = \square$$



VF

10b. Complete the part-whole model and write a matching calculation.



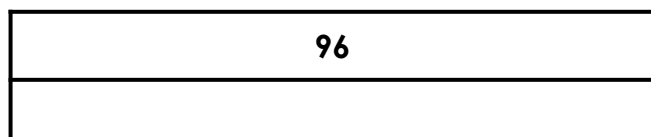
$$\square \div \square = \square$$



VF

11a. Complete the bar model to show the calculation below.

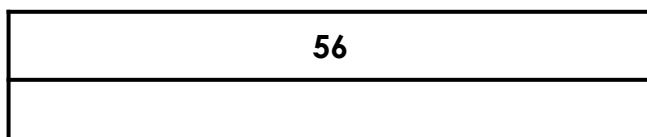
$$96 \div 8 = \square$$



VF

11b. Complete the bar model to show the calculation below.

$$56 \div 8 = \square$$



VF

12a. Create two number sentences using the cards below.

8 = 4 6 32 ÷



VF

12b. Create two number sentences using the cards below.

8 = ÷ 40 4 5



VF

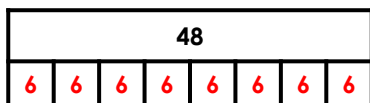
Varied Fluency Divide by 8

Developing

1a. **True**

2a. **$40 \div 8 = 5$**

3a. **$48 \div 8 = 6$**



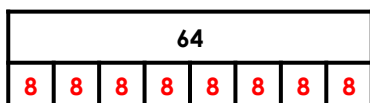
4a. **$24 \div 8 = 3$; $24 \div 3 = 8$**

Expected

5a. **False because $32 \div 8 = 4$**

6a. **$48 \div 8 = 6$**

7a. **$64 \div 8 = 8$**

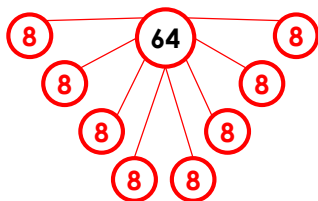


8a. **$40 \div 5 = 8$; $40 \div 8 = 5$**

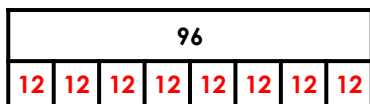
Greater Depth

9a. **True**

10a. **$64 \div 8 = 8$**



11a. **$96 \div 8 = 12$**



12a. **$32 \div 4 = 8$; $32 \div 8 = 4$**

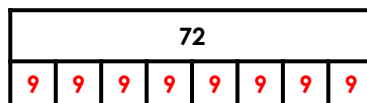
Varied Fluency Divide by 8

Developing

1b. **False because $48 \div 8 = 6$**

2b. **$64 \div 8 = 8$**

3b. **$72 \div 8 = 9$**



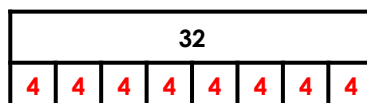
4b. **$56 \div 7 = 8$; $56 \div 8 = 7$**

Expected

5b. **False because $56 \div 8 = 7$**

6b. **$88 \div 8 = 11$**

7b. **$32 \div 8 = 4$**

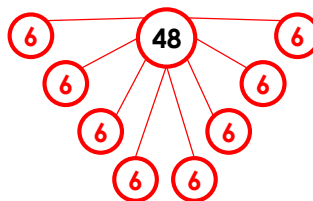


8b. **$72 \div 9 = 8$; $72 \div 8 = 9$**

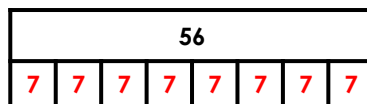
Greater Depth

9b. **False because $40 \div 8 = 5$**

10b. **$48 \div 8 = 6$**



11b. **$56 \div 8 = 7$**



12b. **$40 \div 5 = 8$; $40 \div 8 = 5$**