

# Homework/Extension

## Step 8: Divide 2 Digits by 1 Digit 1

### National Curriculum Objectives:

Mathematics Year 4: (4C6a) [Recall multiplication and division facts for multiplication tables up to  \$12 \times 12\$](#)

Mathematics Year 4: (4C6b) [Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers](#)

Mathematics Year 4: (4C6b) [Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects](#)

### Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

**Developing** Use counters and a place value grid to divide a 2-digit number with pictorial support; without exchanging.

**Expected** Use counters and a place value grid to divide a 2-digit number with some pictorial support; with exchanging.

**Greater Depth** Identify the odd one out by dividing a 2-digit number by a 1-digit number without pictorial support; with exchanging.

Questions 2, 5 and 8 (Varied Fluency)

**Developing** Solve and compare division calculations by dividing 2-digit numbers by 1 digit with pictorial support; without exchanging.

**Expected** Solve and compare division calculations by dividing 2-digit numbers by 1 digit with some pictorial support; with some exchanging.

**Greater Depth** Solve and compare division calculations by dividing 2-digit numbers by 1 digit without pictorial support; with exchanging.

Questions 3, 6 and 9 (Reasoning and Problem Solving)

**Developing** Explain why a statement is correct or incorrect by dividing 2-digit numbers by 1 digit with pictorial support; without exchanging.

**Expected** Explain why a statement is correct or incorrect by dividing 2-digit numbers by 1 digit with some pictorial support; with exchanging.

**Greater Depth** Explain why a statement is correct or incorrect by dividing 2-digit numbers by 1 digit without pictorial support; with exchanging.

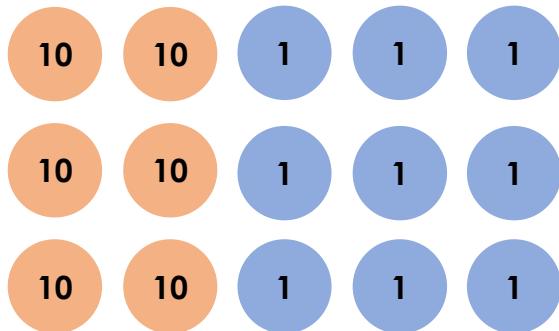
More [Year 4 Multiplication and Division](#) resources.

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

# Divide 2 Digits by 1 Digit 1

1. Use the counters and place value grid to solve the following calculation.

$$69 \div 3 = \square$$



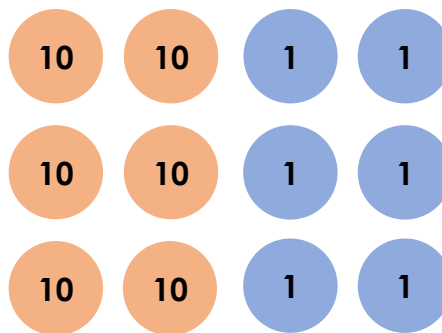
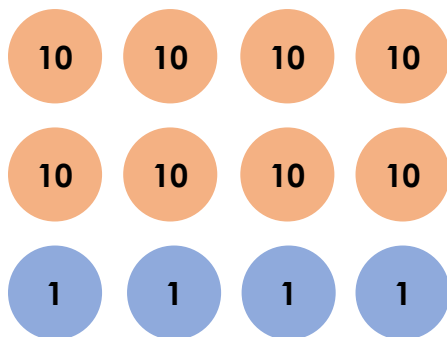
|   |   |
|---|---|
| T | O |
|   |   |
|   |   |
|   |   |



VF  
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2. Solve and compare the calculations below using  $<$ ,  $>$  or  $=$ .

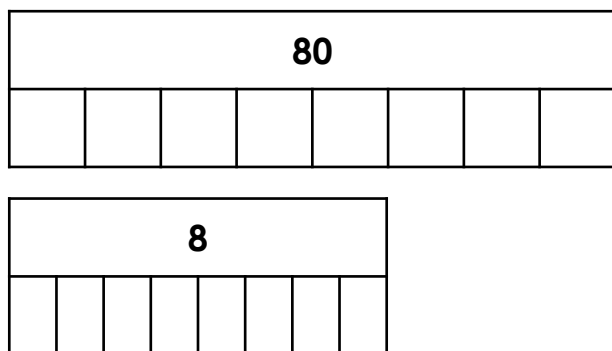
$$84 \div 4 = \square \quad \bigcirc \quad 66 \div 3 = \square$$



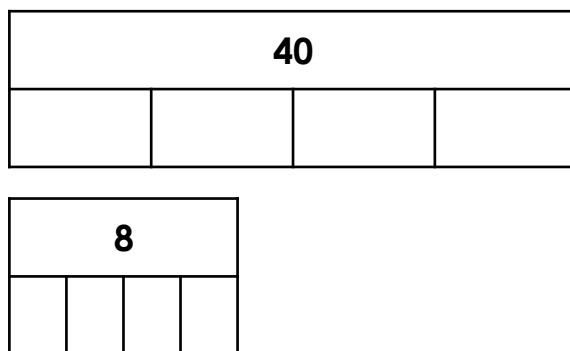
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3. Robert is investigating division. He thinks that both of these calculations have the same answer.

A.  $88 \div 8$



B.  $48 \div 4$



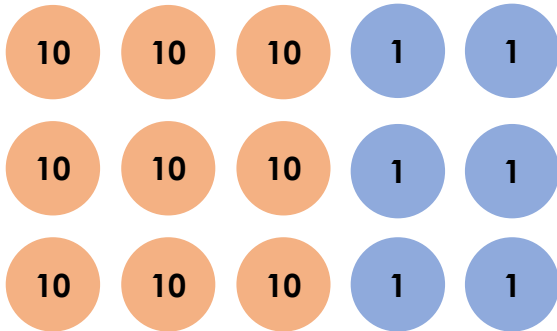
Is Robert correct? Explain your answer.

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# Divide 2 Digits by 1 Digit 1

4. Use the counters and place value grid to solve the following calculation.

$$96 \div 6 = \square$$



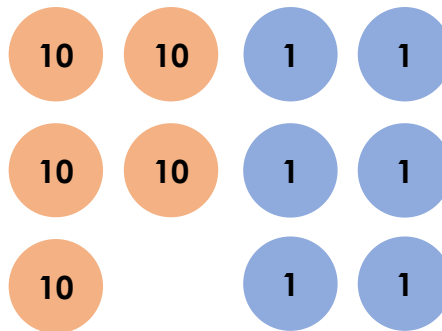
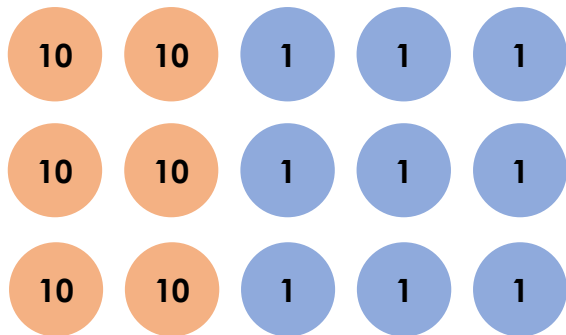
| T | O |
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VF  
HW/Ext

5. Solve and compare the calculations below using  $<$ ,  $>$  or  $=$ .

$$69 \div 3 = \square \quad \bigcirc \quad 56 \div 4 = \square$$



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6. Rosie is investigating division. She thinks that both of these calculations have the same missing number.

A.  $6 \square \div 4 = 17$

|   |  |  |  |
|---|--|--|--|
| ? |  |  |  |
|   |  |  |  |

|   |  |  |  |
|---|--|--|--|
| ? |  |  |  |
|   |  |  |  |

B.  $7 \square \div 6 = 13$

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| ? |  |  |  |  |  |
|   |  |  |  |  |  |

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| ? |  |  |  |  |  |
|   |  |  |  |  |  |



Is Rosie correct? Explain your answer.

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## Divide 2 Digits by 1 Digit 1

7. Find the answer which is the odd one out by completing the calculations below.

$56 \div 2 = \square$

$64 \div 4 = \square$

$36 \div 6 = \square$

$42 \div \square = 14$

6

8

28

3

16



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8. Solve and compare the calculations below using  $<$ ,  $>$  or  $=$ .

A.  $78 \div 6 = \square$   $\bigcirc$   $52 \div 4 = \square$

B.  $84 \div \square = 12$   $\bigcirc$   $39 \div 3 = \square$



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9. Imran is investigating division.



I think that all three of the calculations below have the same missing number.

A.  $9 \square \div 3 = 32$

B.  $96 \div \square = 16$

C.  $5 \square \div 9 = 6$

Is Imran correct? Explain your answer.



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## Homework/Extension

### Divide 2 Digits by 1 Digit 1

#### Developing

1.  $69 \div 3 = 23$
2.  $84 \div 4 = 21 < 66 \div 3 = 22$
3. Robert is incorrect because  $88 \div 8 = 11$  and  $48 \div 4 = 12$ .

#### Expected

4.  $96 \div 6 = 16$
5.  $69 \div 3 = 23 > 56 \div 4 = 14$
6. Rosie is correct because  $68 \div 4 = 17$  and  $78 \div 6 = 13$ .

#### Greater Depth

7. 8 is the odd one out.  $56 \div 2 = 28$ ;  $36 \div 6 = 6$ ;  $64 \div 4 = 16$ ;  $42 \div 3 = 14$
8. A:  $78 \div 6 = 13 = 52 \div 4 = 13$ ; B:  $84 \div 7 = 12 < 39 \div 3 = 13$
9. Imran is incorrect because  $96 \div 3 = 32$ ,  $96 \div 6 = 16$  and  $54 \div 9 = 6$ .