

Divide 2 Digits by 1 Digit 2

4. Match the representation to the calculation.

1.

10	1	1
10	1	1
10	1	1
10	1	1
10	1	1

1
1
1

10 Exchanged for 10 ones and shared equally.

2.

10	1	1	1
10	1	1	1
10	1	1	1
10	1	1	1
10	1	1	1
10	1	1	1
10	1	1	1

1
1
1
1
1
1

10 10 Exchanged for 10 ones and shared equally.

3.

10	
10	
10	
10	
10	

1
1
1
1

A. $54 \div 5 = 10 \text{ r}4$

B. $63 \div 5 = 12 \text{ r}3$

C. $80 \div 6 = 13 \text{ r}2$



VF
HW/Ext

5. Complete the calculations below.

89

10	10	10	10	1	1	1	1	1
10	10	10	10	1	1	1	1	

$89 \div 8 = \square \text{ r} \square$

$89 \div 7 = \square \text{ r} \square$

$89 \div 6 = \square \text{ r} \square$

$89 \div 9 = \square \text{ r} \square$



VF
HW/Ext

6. Claudio and Zaphina are discussing the calculation below.



Claudio

I think there are three possible answers to this.



Zaphina

I think there are more than 2 possible answers.

10	10	10	10	1	1	1
10	10	10	10	1	1	1

$86 \div \square = \square \text{ r}2$

Who is correct? Prove it.



RPS
HW/Ext

Divide 2 Digits by 1 Digit 2

7. Use the number cards to complete the division calculations.

75

49

80

A. $\square \div 5 = 9 \text{ r}4$

B. $\square \div 9 = 8 \text{ r}8$

C. $\square \div 4 = 18 \text{ r}3$



VF
HW/Ext

8. Complete the calculations below.

67

$$67 \div 3 = \square \text{ r} \square$$

$$67 \div 8 = \square \text{ r} \square$$

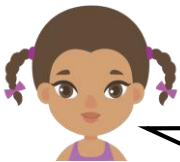
$$67 \div 4 = \square \text{ r} \square$$

$$67 \div 9 = \square \text{ r} \square$$



VF
HW/Ext

9. Josie and Miguel are discussing the calculation below.



Josie

I think only even divisors will give remainder 1 in this.

I think there are more than 5 possible answers.



Miguel

$$73 \div \square = \square \text{ r}1$$

Who is correct? Prove it.



RPS
HW/Ext

Homework/Extension

Divide 2 Digits by 1 Digit 2

Developing

1. A. 3; B. 2; C. 1
2. $85 \div 4 = 21 \text{ r}1$; $85 \div 8 = 10 \text{ r}5$
3. Alisa is correct as there are 2 possible answers: $49 \div 2 = 24 \text{ r}1$ and $49 \div 4 = 12 \text{ r}1$.

Expected

4. A. 3; B. 1; C. 2
5. $89 \div 8 = 11 \text{ r}1$; $89 \div 7 = 12 \text{ r}5$; $89 \div 6 = 14 \text{ r}5$; $89 \div 9 = 9 \text{ r}8$
6. Zaphina is correct as there are 4 possible answers: $86 \div 3 = 28 \text{ r}2$, $86 \div 4 = 21 \text{ r}2$, $86 \div 6 = 14 \text{ r}2$ and $86 \div 7 = 12 \text{ r}2$.

Greater Depth

7. A. 49; B. 80; C. 75
8. $67 \div 3 = 22 \text{ r}1$; $67 \div 8 = 8 \text{ r}3$; $67 \div 4 = 16 \text{ r}3$; $67 \div 9 = 7 \text{ r}4$
9. Miguel is correct as there are 6 possible answers: $73 \div 2 = 36 \text{ r}1$; $73 \div 3 = 24 \text{ r}1$; $73 \div 4 = 18 \text{ r}1$; $73 \div 6 = 12 \text{ r}1$; $73 \div 8 = 9 \text{ r}1$ and $73 \div 9 = 8 \text{ r}1$. As the divisors are a mixture of odd and even numbers, Josie is incorrect.