

Lesson 3: Written method of division (2)

- Estimate and divide 2-digit numbers by 1-digit numbers using a written method

1 Find the quotient. Don't forget the remainder.

a $45 \div 6 = \square$ b $20 \div 7 = \square$ c $15 \div 8 = \square$
 d $30 \div 9 = \square$ e $25 \div 6 = \square$ f $31 \div 4 = \square$

2 Complete these calculations.

a $\square \text{ r } \square$ b $\square \text{ r } \square$ c $\square \text{ r } \square$

6	76
- 60	
16	
- 12	

6	79
- 60	
19	
- 18	

7	81
- 70	
11	
- 7	

3 a Explain how you divide 92 by 8.

Write the calculation using the expanded written method.

b Explain how you divide 89 by 7.

Write the calculation using the expanded written method.

4 Find the quotients. Use the expanded written method.

a $73 \div 6 =$ b $79 \div 6 =$

c $83 \div 7 =$ d $85 \div 7 =$

5 Benji works out that $85 \div 8 = 10 \text{ r } 5$.

He says: 85 must be 5 away from a multiple of 8.

Do you agree? Why?

6 Bobby and Sunita have completed the same division.

	Bobby	Sunita
Tick the correct answer. What is wrong with the other answer?	$\begin{array}{r} 12 \text{ r} 3 \\ 7 \overline{) 87} \\ - 70 \\ \hline 17 \\ - 14 \\ \hline 3 \end{array}$	$\begin{array}{r} 11 \\ 7 \overline{) 87} \\ - 80 \\ \hline 7 \end{array}$

You do

Date: _____

