

Name: _____ Date: _____

Division using the expanded written method

Use the expanded written method to calculate $HTO \div O$

Challenge

1

These calculations are incomplete. Write the missing digits.

a $36 \div 9 = \square$ b $\square \div 3 = 9$ c $\square \div 8 = 8$ d $42 \div \square = 6$

e $48 \div \square = 6$ f $7 \div 1 = \square$ g $36 \div \square = 6$ h $60 \div \square = 12$

i $\square \div 8 = 9$ j $56 \div \square = 7$ k $\square \div 8 = 4$ l $108 \div \square = 9$

Challenge

2

Find a multiple of the number in each top box that is the closest to (but not larger than) each of the numbers below.

Example

4

176 160

4

6

7

9

176

198

154

297

256

384

231

495

332

432

378

846

Challenge

3

Choose four different numbers from Challenge 2. Divide the number by the 1-digit number in the box above it. Use the expanded written method and write your calculations on the back of this sheet. Then check your answers using the inverse multiplication calculations.

Example

$176 \div 4$

		4	4	
4	1	7	6	
	1	6	0	40×4
		1	6	
		1	6	4×4
			0	



Choose two calculations from Challenge 2. Ask an adult to show you how they would work out the answer to the calculations. Explain how you work them out using the expanded written method. Discuss your methods.