Deeper Learning

Set out and solve these calculations using column method.

3254 + ☐ = 7999

2431 = ☐ – 3456

6373 – ☐ = 3581

6719 = ☐ – 4562

Deeper Learning

True or False?

3999 – 2999 = 4000 – 3000

3999 – 2999 = 3000 – 2000

2741 – 1263 = 2742 – 1264

2741 + 1263 = 2742 + 1264

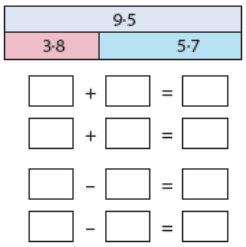
Explain your reasoning.

Deeper Learning

Using this number statement,

5222 – 3111 = 5223 – 3112

write three more pairs of equivalent calculations.



Deeper Learning

Write four number facts that this bar diagram shows.

Deeper Learning

Use this number sentence to write down three more pairs of decimal numbers that sum to 3:

1·6 + 1·4 = 3

Deeper Learning

Captain Conjecture says,
'When working with whole numbers, if you add two 2-digit numbers together the answer cannot be a 4-digit number.'
Do you agree? Explain your reasoning.

Deeper Learning

Captain Conjecture says,
'If you keep subtracting 3 from 397 you will eventually reach 0.'
Do you agree?
Explain your reasoning.

Deeper Learning

		York	Hull	Leeds
Adult	Single	£13·50	£16·60	£11·00
	Return	£24·50	£30·00	£20·00
Child	Single	£9·75	£11·00	£8·00
	Return	£15·00	£18·50	£13·50

The table shows the cost of train tickets from different cities.

What is the total cost for a return journey to York for one adult and two children? How much more does it cost for two adults to make a single journey to Hull than to Leeds?

Deeper Learning

Sam and Tom have £67·80 between them.

If Sam has £6·20 more than Tom, how much does Tom have?

Deeper Learning

Sarah and Anna have £93.60 between them.

If Sarah has £10.54 more than Anna, how much does Anna have?

Deeper Learning

Lara and Dan have £126.32 between them.

If Lara has £35.24 more than Dan, how much does Dan have?

Deeper Learning

Write the four number facts that this bar model shows.

625,171	
489,935	135,236

Deeper Learning

Write the four number facts that this bar model shows.

40.372	
21.652	18.72

Deeper Learning

Identify the missing numbers in these bar models.

39,618		
15236	11236	

Deeper Learning

Identify the missing numbers in these bar models.

10,000		
2,728		3,379

Deeper Learning

Identify the missing numbers in these bar models.

167.91		
81.18		42.34

Deeper Learning

Fill in the misssing numbers.

3252 + ___ = 4830

6120 + ___ = 13225

___ - 3755 = 84

___ - 25890 = 600

Deeper Learning

Fill in the misssing numbers.

181 + 237 + ___ = 696

2552 + ___ = 4891

264 - ___ - 678 = 11678

___ - 3577 - 3150 = 9000

Deeper Learning

Fill in the empty spaces to make the equations correct.

15_7 + 916_ = 10730

_617 + 71_8 = 10815

Deeper Learning

Fill in the empty boxes to make the equations correct.

65_4 = 916_ - 2661

1457 – 678 = 3_9 +47_