

Bronze

1a. True or false? $3,963 \div 3 = 1,321$

3	3	9	6	3

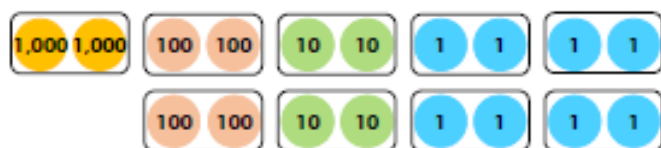
Thousands	Hundreds	Tens	Ones
1,000 1,000 1,000	100 100 100 100 100 100 100	10 10 10 10 10 10	1 1 1



VF

2a. Complete the calculation.

$$2,448 \div 2 = \square$$

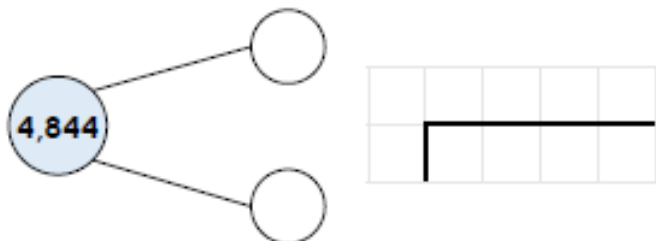


2				



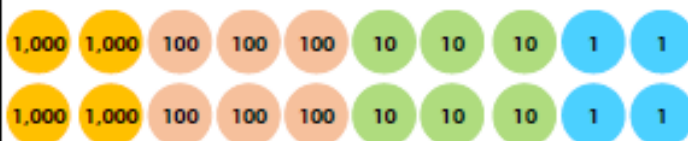
VF

3a. The missing numbers are all equal. Complete the part-whole model.



1b. Kelly has written a comparison statement.

$$4,664 \div 2 < 1,120$$



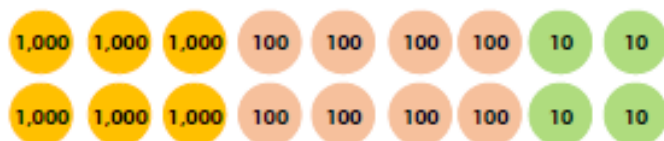
Is she correct? Explain how you know.



R

2b. Johnny completes the following calculation.

	3	2	2	0
2	6	8	4	0



Explain his mistake. Calculate the correct answer.

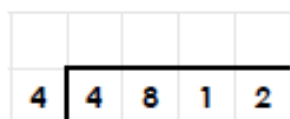


R

3b. Martha dropped a counter from her place value grid but can't remember where it fell from! What calculation could Martha have completed if she was dividing by 3 and had no remainders?

Thousands	Hundreds	Tens	Ones
1,000 1,000	100	10	1 1
1,000 1,000	100	10	1 1
1,000 1,000	100	10	1

4a. True or false? $4,812 \div 4 = 1,200$



Thousands	Hundreds	Tens	Ones



VF

4b. Alice has written a comparison statement.

$$2,405 \div 5 > 2,979 \div 9$$



Is she correct? Explain how you know.



R

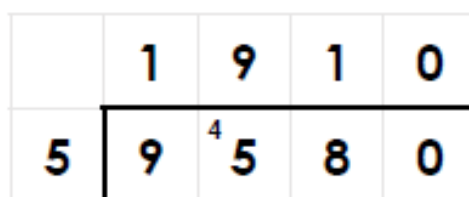
5a. Complete the calculation.

$$2,406 \div 6 = \square$$



VF

5b. Josh completes the following calculation.

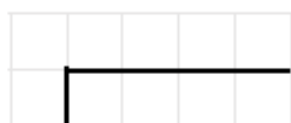
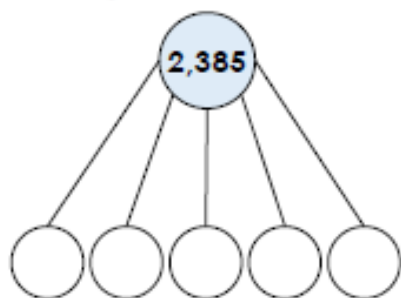


Explain his mistake.
Calculate the correct answer.



R

6a. The missing numbers are all equal. Complete the part-whole model.



VF

6b. Taia dropped a counter from her place value grid but can't remember where it fell from! What calculation could Taia have completed if she was dividing by 7 and had no remainders?

Thousands	Hundreds	Tens	Ones

Gold

7a. True or false? $6,309 \div 9 = 709$
Use place value counters to help you.

9	6	3	0	9	

Thousands	Hundreds	Tens	Ones



VF

8a. Complete the calculation by finding the missing digits.

$$5 \square 0 7 \div 7 = 8 \square \square$$



VF

9a. Complete the statement using the digit cards to give answers that are whole numbers.

$$\boxed{8} \boxed{5} \boxed{6} \boxed{} \div 8 < \boxed{8} \boxed{5} \boxed{6} \div 6$$

8

0



VF

7b. Sinead has written a comparison statement.

$$3,435 \div 5 > 6,795 \div 3 < 5,848 \div 8$$

Is she correct? Explain how you know.



R

8b. Theo completes the following calculation.

$$8,547 \div 7 = 1,001$$

Find and explain any mistakes.
Calculate the correct answer.



R

9b. Shahab has got 6 counters to place in the place value grid to create a calculation.

The ones column has no counters.
What calculation can Shahab complete if he is dividing by 6 and has no remainders?

Thousands	Hundreds	Tens	Ones

Challenge

1. Explore the ways through the maze by stepping on the 4-digit numbers that can be divided equally by 7.

START

4,284	1,284	7,285	9,198	7,234	9,673
7,382	6,398	7,357	4,485	8,337	8,565
8,347	9,674	3,267	5,796	9,386	7,924
6,461	8,879	8,575	5,395	3,892	7,383
8,734	2,954	9,098	5,957	3,898	8,227
3,891	9,677	8,834	4,384	7,824	7,394

FINISH

You can move in any direction; horizontally vertically or diagonally!

DF

2. Amir has won £8,472 in the lottery and wants to share it between himself and his parents.



Amir

I am going to keep all my share.



Dad

I am going to share mine so I, and those I share it with, get a portion of the money that has a digit sum of more than 9.



Mum

I am going to share mine so I, and those I share it with, get a portion of the money that is an odd 3-digit number.

Investigate how much each person will receive.