Bronze

1a. Match each statement below to the correct answer.

14,500 ÷ 10 =

6,000 ÷ 100 =

21,000 ÷ 1,000 =

T Th	Th	H	T	O
	●	●●●	●●●	
		●	●●	

T Th	Th	H	T	O
			●●	●

T Th	Th	H	T	O
			●●●	
			●●●	

☆ D

VF

2a. Calculate:

51,300 ÷ 100   51,300 ÷ 10

T Th	Th	H	T	O
●●●●	●	●●●		
●				

☆ D

VF

3a. Use the numbers below to make this statement correct.

☐ ÷ 1,000 < ☐ ÷ 100

a.
T Th	Th	H	T	O
●●●●	●●●●			
	●●●●			

b.
T Th	Th	H	T	O
	●●●●	●●●		
	●●			

☆ D

VF

4a. True or false? The following calculations both give an answer of 740.

7,400 ÷ 100   74,000 ÷ 1,000

T Th	Th	H	T	O
●●●●●●	●●●	●		
●				

T Th	Th	H	T	O
●●●●●●	●●●	●		
●				

1b. A number divided by 10 equals this:

T Th	Th	H	T	O
		●●●	●●●	
		●●●	●●●	
		●	●●	

Holly says the calculation must have been 7,800 ÷ 10.

Is she correct?
Convince me.

☆ D

R

2b. Sofia is completing the calculation below.

27,000 ÷ 1,000 =

She has shown her answer on the place value chart below.

T Th	Th	H	T	O
			●●	●●●
				●●●

Explain the mistake that Sofia has made.

☆ D

R

3b. Mia is thinking of a five-digit number.

She divides the number by 10.

The answer she gets after dividing by 10 is less than 5,000 but greater than 2,000.

The digits in the number have a sum of 6.

What number did Mia start with?

T Th	Th	H	T	O

Silver

5a. Match each statement below to the correct answer.

42,000 ÷ 10 =

T Th	Th	H	T	O
	●●●	●●		
	●			

42,000 ÷ 100 =

42

42,000 ÷ 1,000 =

T Th	Th	H	T	O
		●●●	●●	
		●		

☆ VF

6a. Calculate:

72,600 ÷ 100   72,600 ÷ 10

T Th	Th	H	T	O

☆ VF

7a. Use two of the numbers below to make this statement correct.

☐ ÷ 1,000 < ☐ ÷ 100

a. 84,700

b. 99,000

c.
T Th	Th	H	T	O
●●●●	●●●●			
●●				

☆ VF

8a. True or false? The following calculations both give an answer of 95.

95,000 ÷ 1,000   95,000 ÷ 100 ÷ 10

T Th	Th	H	T	O
●●●●●	●●●●			
●●●●	●			

4b. A number divided by 100 equals this:

100   10   1   100   10

1   100   10   10   100   10
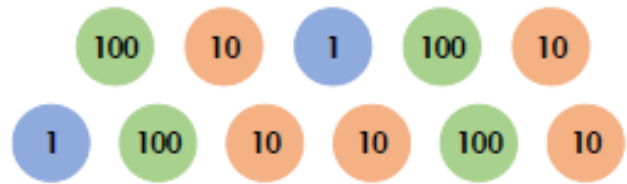
Luke says the calculation must have been 45,300 ÷ 100.

Is he correct?
Convince me.

☆ R

5b. Rose is completing the calculation below.

7,400 ÷ 10 =

She has shown her answer on the place value chart below.

T Th	Th	H	T	O
7	4			

Explain the mistake that Rose has made.

☆ R

6b. Alice is thinking of a five-digit number.

She divides the number by 1,000.

The answer she gets after dividing by 1,000 is less than 40 but greater than 10.

The digits in the number have a sum of 9.

What number did Alice start with?

Gold

9a. Match each statement below to the correct answer.

| $2,100 \div 10 =$ | one ten and eleven ones |

| $2,100 \div 100 =$ | one hundred and eleven tens |

| $2,100 \div 1,000 =$ | two ones and one tenth |

VF

10a. Calculate:

| 1 thousand, 12 hundreds and 14 tens divided by one hundred | 1 thousand, 12 hundreds and 14 tens divided by ten |

VF

11a. Use two of the numbers below to make this statement correct.

$$\boxed{} \div 1,000 < \boxed{} \div 100$$

a. 11 thousands and 50 hundreds

b. 31 thousands and 190 tens

c. 20 thousands, 34 hundreds and 40 tens

VF

12a. True or false? The following calculations both give an answer of £640.

| £64,000 ÷ 100 | 64,000p ÷ 10 ÷ 10 |

7b. A number divided by 10 then divided by 10 and divided by 10 again equals this:

Two tens and twelve ones

Angelo says the calculation must have been 31,000 ÷ 10 ÷ 10 ÷ 10.

Is he correct?
Convince me.

R

8b. Dan is converting pence into pounds.

2,740p ÷ 100 =

He has calculated the answer below.

Two pounds and seventy-four pence

Explain the mistake that Dan has made.

R

9b. Finn is thinking of a five-digit number.
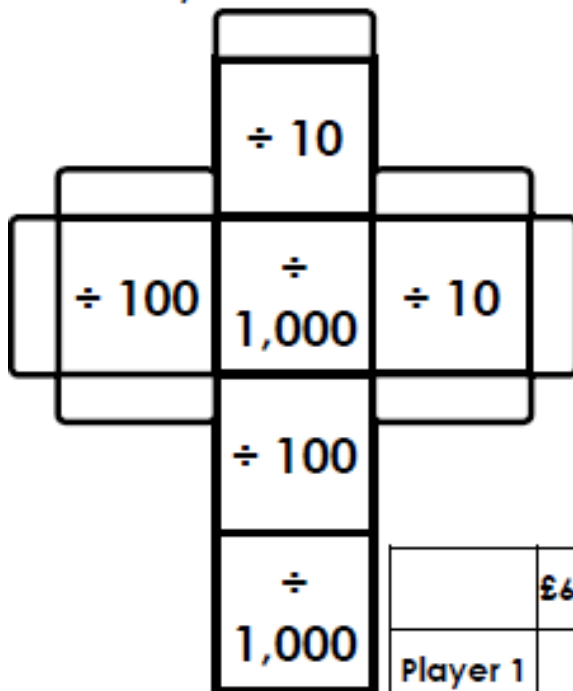
He divides the number by 10 then by 10 again.

The answer he gets after dividing is less than 500 but more than 300. It is also even

The digits in the number have a sum of 9.

What number did Finn start with?

Challenge

1. Create the dice and play 'Money Mystery' with your partner. Use the score card to calculate your total.

÷ 10

÷ 100

÷ 1,000

÷ 10

÷ 100

÷ 1,000

Rules:

1. Both players start with £600,000.
2. Each player rolls the dice once and calculates the total.
3. Write your total on the score card.
4. Repeat steps 1-3 for each amount on the score card.
5. Each player to add their totals.

The player with the greatest amount of money wins!

	£600,000	£500,000	£400,000	£300,000	£200,000	£100,000
Player 1						
Player 2						