

Bronze

1a. $14,500 \div 10 = 1,450$;

$6,000 \div 100 = 60$;

$21,000 \div 1,000 = 21$

2a. $51,300 \div 100 = 513$

$51,300 \div 10 = 5,130$

3a. $48,000 \div 1,000 < 6,300 \div 100$

4a. True

1b. Holly is correct the calculation is $7,800 \div 10$ because the answer shows 780.

2b. Sofia has moved the place value counters the three columns to the right to divide by 1,000 but she needs one more ones counter to make the correct answer of 27 not 26.

3b. Various answers, for example: 30,120; 22,200; 32,100

Silver

5a. $42,000 \div 10 = 4,200$;

$42,000 \div 100 = 420$;

$42,000 \div 1,000 = 42$

6a. $72,600 \div 100 = 726$

$72,600 \div 10 = 7,260$

7a. Various answers, for example:

(c) $64,000 \div 1,000 < 84,700 \div 100$;

$99,000 \div 1,000 < 84,700 \div 100$

8a. True

4b. Luke is incorrect. The calculation should be $45,200 \div 100$ because the answer shows 452.

5b. Rose has multiplied instead of dividing. She has moved the digits one column to the left and not to the right. The correct answer is 740 not 74,000

6b. Various answers, for example: 27,000; 18,000; 36,000

Gold

9a. $2,100 \div 10 =$ one hundred and eleven tens;

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

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

10a. $2,340 \div 100 = 23.4$

$2,340 \div 10 = 234$

11a. Various answers, for example:

(a) $16,000 \div 1,000 <$ (c) $23,800 \div 100;$

(a) $16,000 \div 1,000 <$ (b) $32,900 \div 100$

12a. False. $64,000p \div 10 \div 10 = 640p$ or
 $\pounds 6.40$

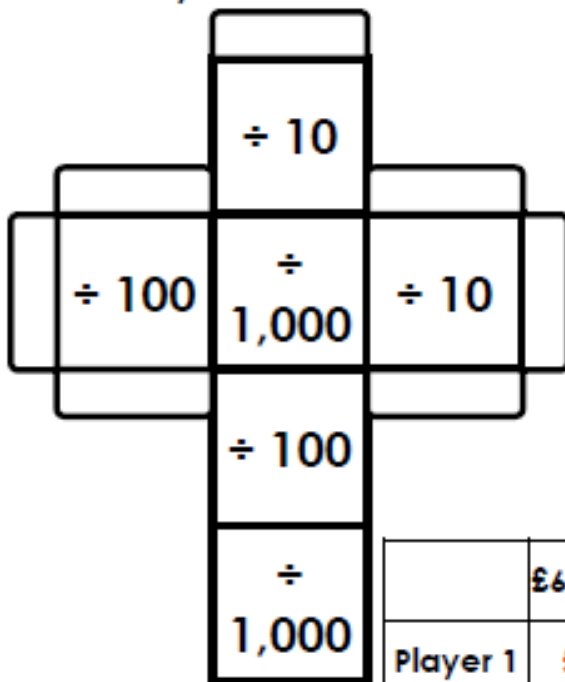
7b. Angelo is incorrect. The calculation should be $32,000 \div 10 \div 10 \div 10$ because the answer is 32.

8b. Dan has divided the number by 1,000 rather than 100. The correct answer is $\pounds 27.40$ not $\pounds 2.74$

9b. Various answers, for example: 30,600; 52,200; 41,400

Challenge

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



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	£600	£50,000	£4,000	£300	£20,000	£1,000
Player 2	£6,000	£500	£40,000	£300	£2,000	£10,000

Various answers, for example: see table.