Maths Transition

Goodbye, Year 1

Hello, Year 2

Name: _____

twinkl
visit twinkl.com

Place Value Puzzle

Work with a partner or in a group to solve this puzzle.

Use these clues to find the missing number.

7	9	?	20
smallest			greatest

If you count in 2s, you will say the number.

? + 10 = 26

On an abacus, the number will use 7 beads.

The mystery number is _____ .

How did you feel when you were solving this puzzle?

Calculation Maze

Lucio is going to school. He sets off with a number.

What will his number be at the end of his journey?

Lucio's number is 9.

+ 5 =

- 6 =

× 2 =

- 10 =

+ 4 =

- 6 =

Lucio's new number is

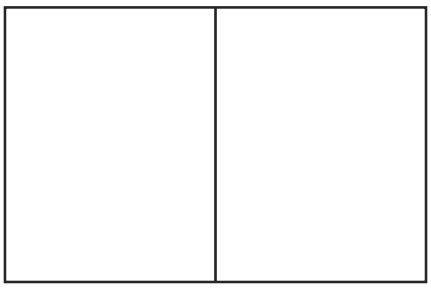
_____

How did you feel when you were solving this puzzle?

Fraction Flags

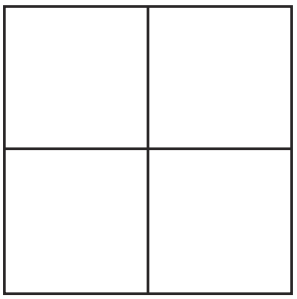
Shade each shape using the given fractions.

1



$\frac{1}{2}$ = green $\frac{1}{2}$ = yellow

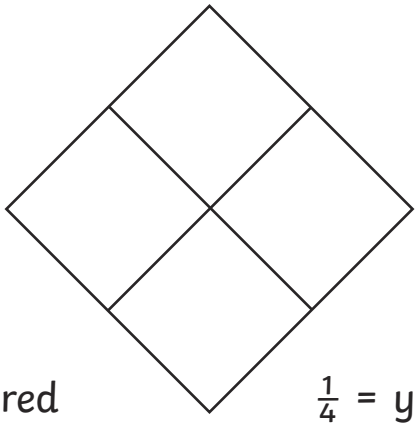
2



$\frac{1}{4}$ = red $\frac{1}{4}$ = yellow

$\frac{1}{2}$ = blue

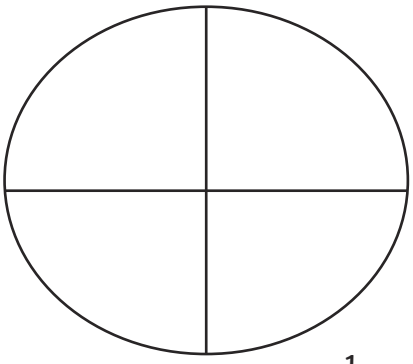
3



$\frac{1}{4}$ = red $\frac{1}{4}$ = yellow

$\frac{1}{2}$ = blue

4



$\frac{1}{4}$ = green $\frac{1}{4}$ = red

$\frac{1}{2}$ = yellow

How did you feel when you were solving this puzzle?

Coins in a Row

Instructions

1. Each player will have a set of coin cards.
2. Shuffle your cards and place them face down.
3. The first player will turn over their coin card and place it over the matching value.
4. The next player then takes their turn.
5. If you cannot find a match for your coin, you miss a turn.
6. The first player to connect three in a row is the winner.

How did you feel when you were solving this puzzle?

Coins in a Row

Game Board

£1	2p	1p	50p
20p	5p	5p	1p
2p	2p	£1	20p
10p	£1	1p	10p

ONE POUND	TWO PENCE	ONE PENNY	FIFTY PENCE
FIFTY PENCE	FIVE PENCE	FIVE PENCE	ONE PENNY
TWO PENCE	TWO PENCE	ONE POUND	FIFTY PENCE
TEN PENCE	ONE POUND	ONE PENNY	TEN PENCE

ONE POUND	TWO PENCE	ONE PENNY	FIFTY PENCE
FIFTY PENCE	FIVE PENCE	FIVE PENCE	ONE PENNY
TWO PENCE	TWO PENCE	ONE POUND	FIFTY PENCE
TEN PENCE	ONE POUND	ONE PENNY	TEN PENCE

Reading Numbers Snakes and Ladders

Instructions

You will need:

• A dice

• Two counters

Instructions:

Roll the dice and count forward to the space.

If you land at the bottom of a ladder, you must say what number is at the top of the ladder. If you say it correctly, you can move up to that space. If you do not, you must stay where you are.

If you land on the head of a snake, you must say the number that is one more that the number you have landed on. If you say it correctly, you can stay where you are. If you say it incorrectly, you must move down the snake.

How did you feel when you were solving this puzzle?

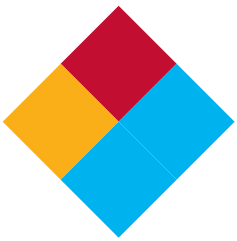
Reading Numbers Snakes and Ladders

Game Board

100	99	98	97	96	95	94	93	92	91
81	82	83	84	85	86	87	88	89	90
80	79	78	77	76	75	74	73	72	71
61	62	63	64	65	66	67	68	69	70
60	59	58	57	56	55	54	53	52	51
41	42	43	44	45	46	47	48	49	50
40	39	38	37	36	35	34	33	32	31
21	22	23	24	25	26	27	28	29	30
20	19	18	17	16	15	14	13	12	11
1	2	3	4	5	6	7	8	9	10

Goodbye, Year 1. Hello, Year 2 Answers

1. Place Value Puzzle
   The mystery number is **16**.

2. Calculation Maze
   9 + 5 = **14**
   14 - 6 = **8**
   8 × 2 = **16**
   16 - 10 = **6**
   6 + 4 = **10**
   10 - 6 = **4**
   Lucio's new number is **4**

3. Fraction Flags