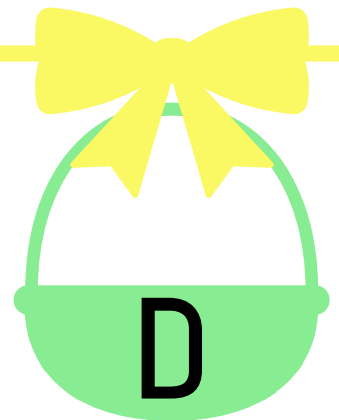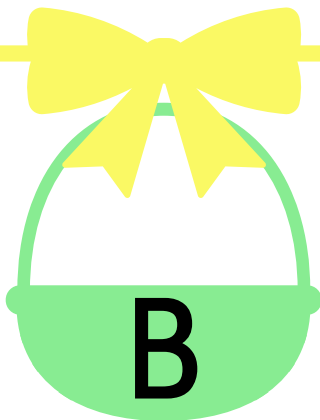# Easter challenge

Year 4

Solve all of the problems to find out which Easter basket is the best! The basket with the most wins is the overall winner! Circle the basket once you have gathered your clues!

A   B   C   D

Sequence Maze

Help each Easter bunny travel through the maze. They can only move in jumps of 7 ,25 or 1000. They can move up, down, left or right but not diagonally. The arrow points to where they must start. *Which basket will they land in?*
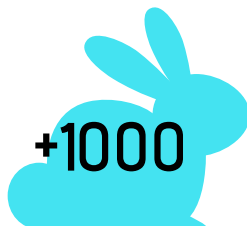
+7

20	27	35	42
27	34	42	49
33	41	48	55
40	49	56	62
A	B	C	D

+1000

3126	2026	1026	26
4026	3026	2126	1126
5026	6026	3126	1226
5126	7026	4126	2226
A	B	C	D

+25

108	73	58	33
133	98	83	78
158	133	108	133
173	155	128	158
A	B	C	D

CLUE 1
Which basket was used most?
A, B, C or D?

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Subtraction eggs

Put each egg in the correct basket by solving the calculation and matching it to the basket with the answer on it.

998 – 866

998 – 854

561 – 429

561 – 417

1238 – 1110

1238 – 1085

2932–2779

4250– 4106

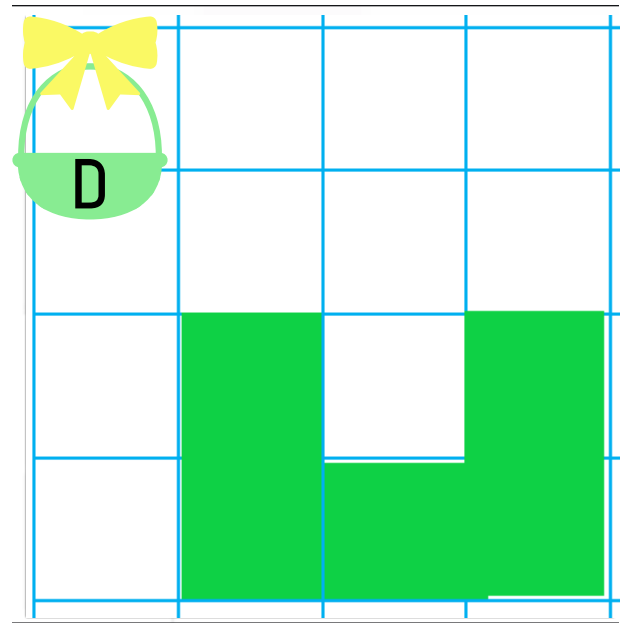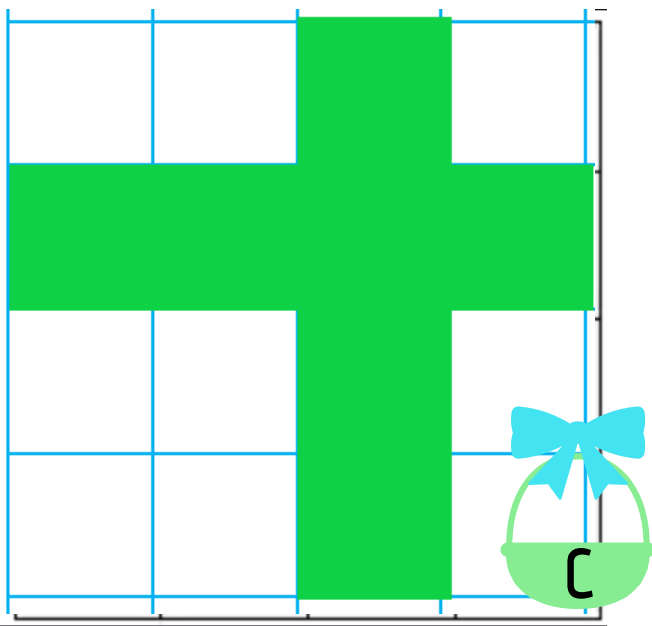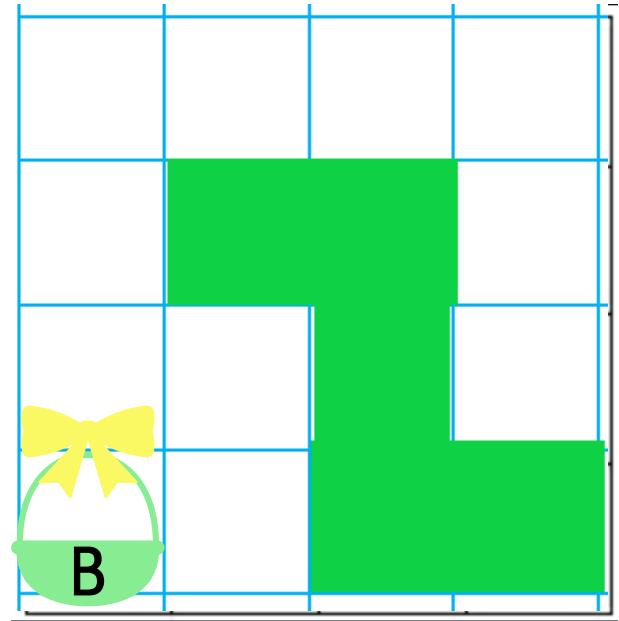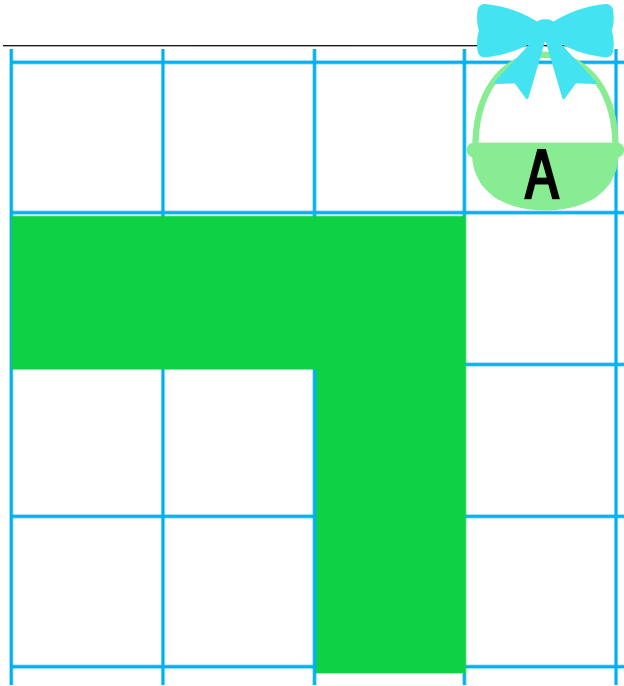= 132

= 144

= 153

= 128

A

B

C

D

CLUE 2

Which basket has the most eggs?

A, B, C or D?

Largest Perimeter

Eggs were hidden around the perimeter of 4 different gardens. A different basket was placed in each garden.

A

B

C

D

CLUE 3

Which basket was in the garden with the largest perimeter?
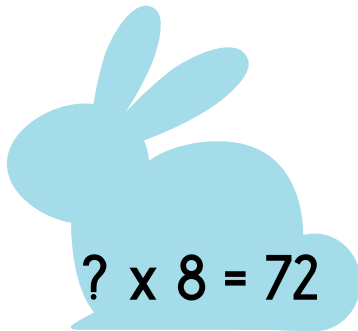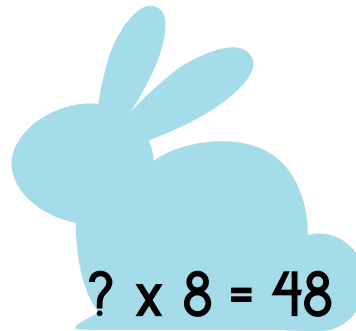
A, B, C or D?

Missing number Easter bunnies
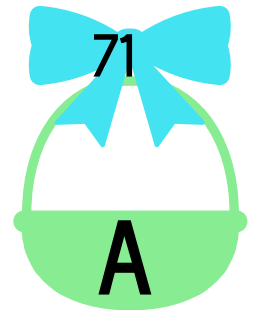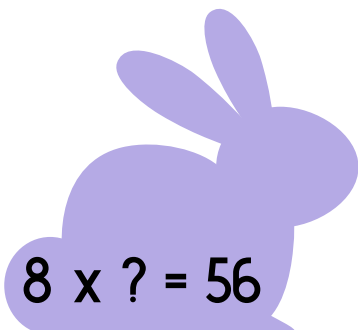
Each Easter bunny is missing a number.
Calculate each missing number then **add them all up.**

? x 8 = 72

? x 8 = 48
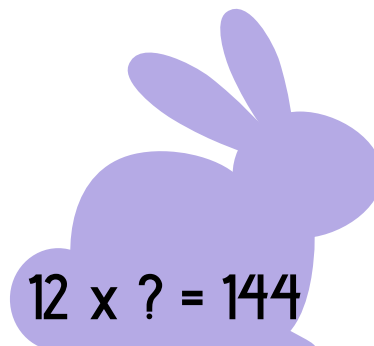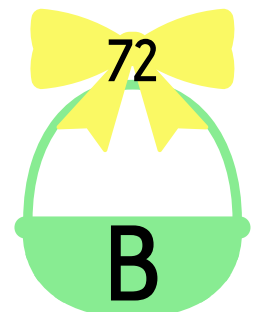
71

A

8 x ? = 56
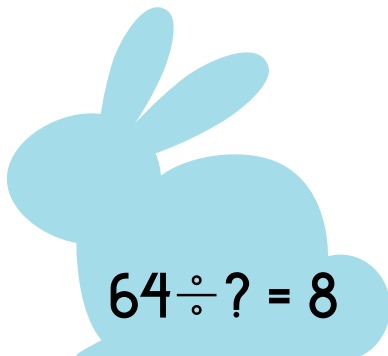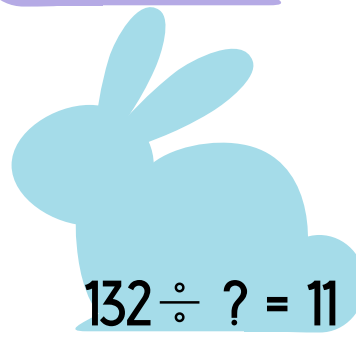
12 x ? = 144

72
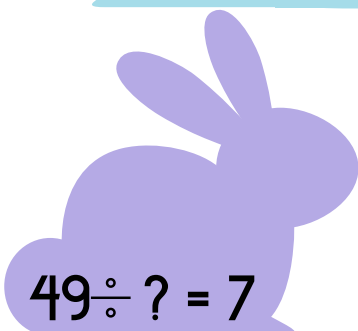
B
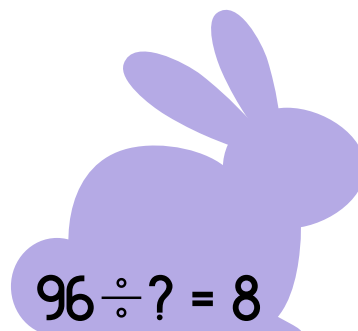
64 ÷ ? = 8
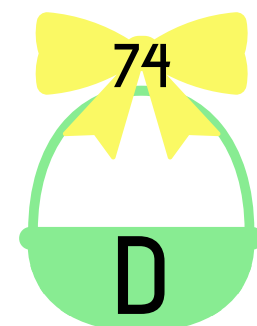
132 ÷ ? = 11

73

C

49 ÷ ? = 7

96 ÷ ? = 8

74

D
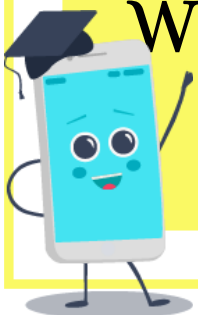
Easter fractions

A fraction of each group has been circled in red.
Match the fraction to the correct basket.

$$\frac{3}{4}$$
A

$$\frac{2}{5}$$
B

$$\frac{2}{3}$$
C

$$\frac{3}{5}$$
D
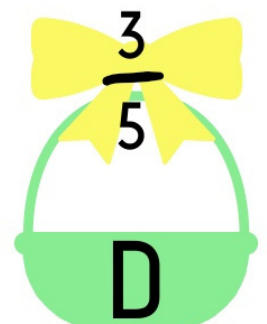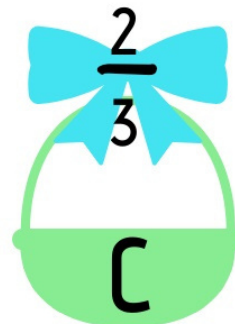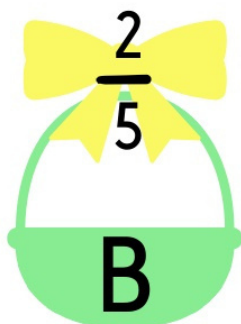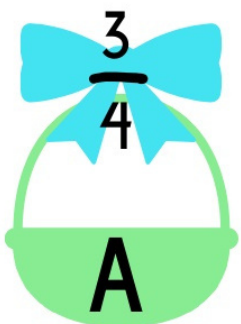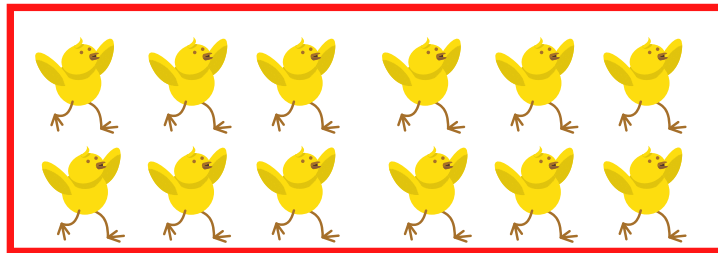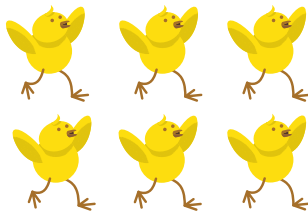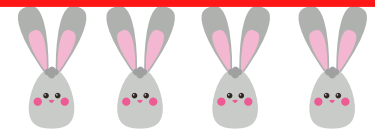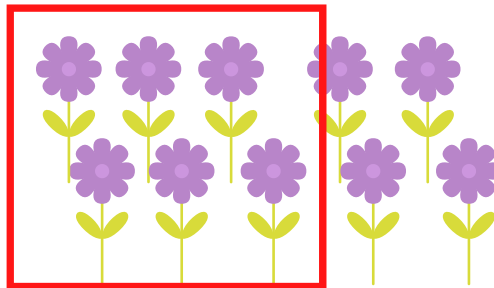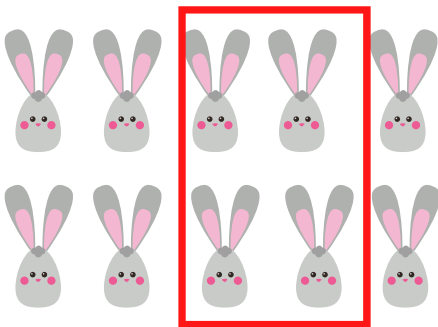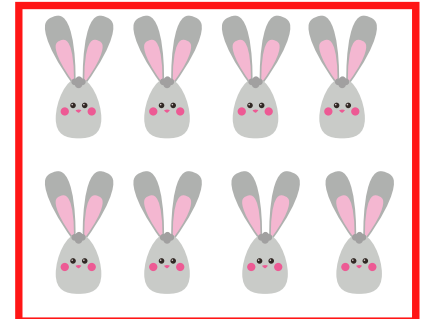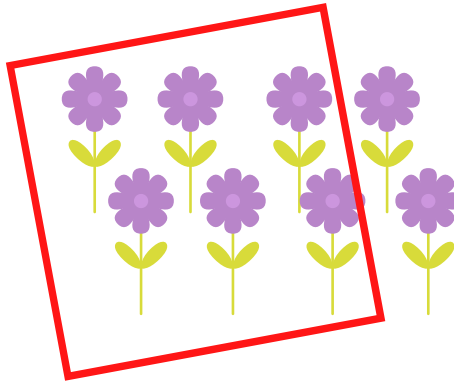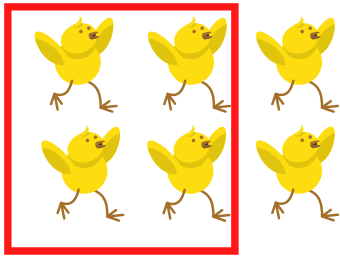
CLUE 5

Which basket had the most matching images? A, B, C or D?

Calculate the journey

The clocks show the start and end time for each Easter bunny's journey. Calculate how long each bunny took.

11:45

5:30

1:35

4:20

3:30   **A**

1:50   **B**

6:50   **C**

7:50   **D**

CLUE 6

Which basket had the <u>quickest</u> journey?

A, B, C or D?

Sequence Maze answers

Help each Easter bunny travel through the maze. They can only move in jumps of 7 ,25 or 1000. They can move up, down, left or right but not diagonally. The arrow points to where they must start. *Which basket will they land in?*
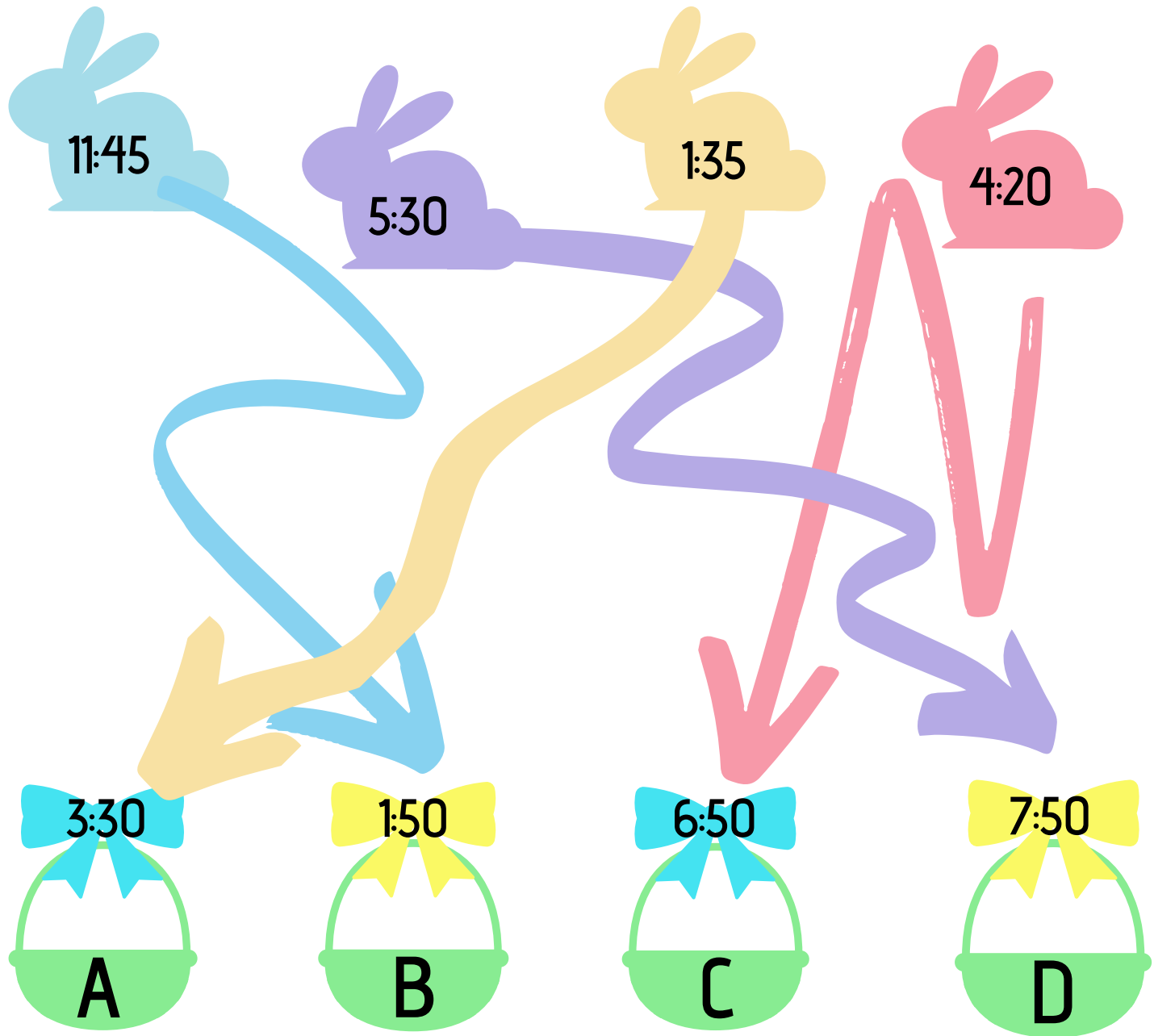
+7

20	27	35	42
27	34	42	49
33	41	48	55
40	49	56	62

A B C D

+1000

3126	2026	1026	26
4026	3026	2126	1126
5026	6026	3126	1226
5126	7026	4126	2226

A B C D

+25

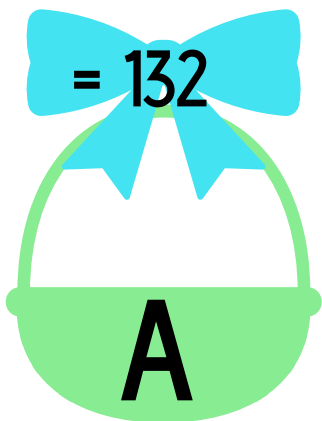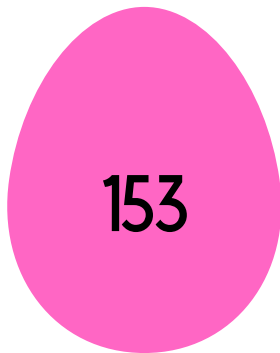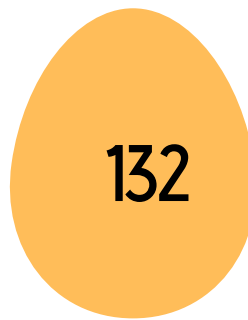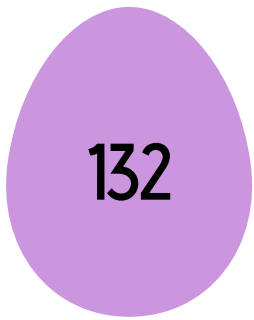| 108	73	58	33
133	98	83	78
158	133	108	133
173	155	128	158

A B C D

CLUE 1

Basket D
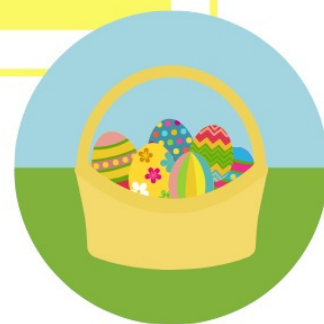
Subtraction eggs answer

Put each egg in the correct basket by solving the calculation and matching it to the basket with the answer on it.

132

144

132

144

128

153

153

144

= 132

= 144

= 153
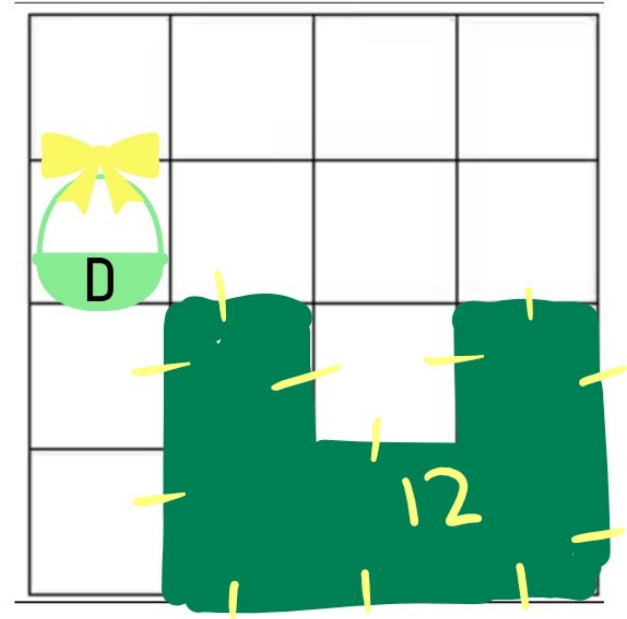
= 128

A

B

C

D
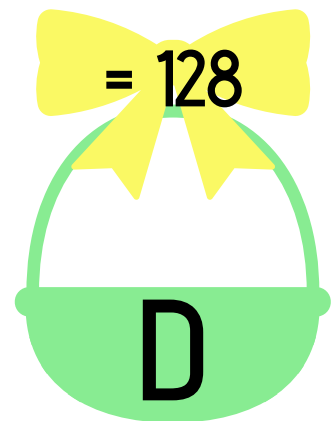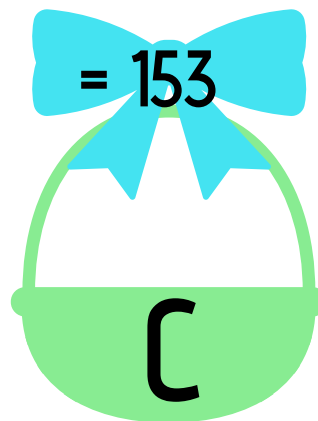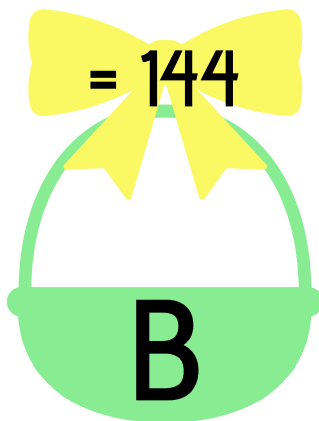
CLUE 2

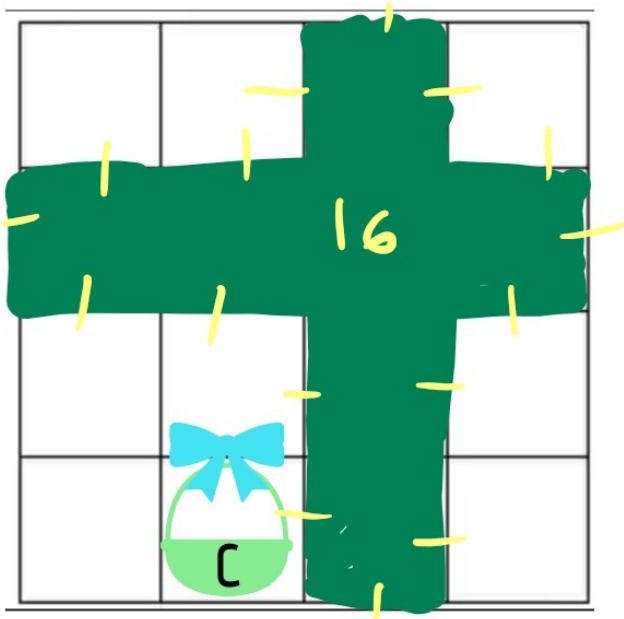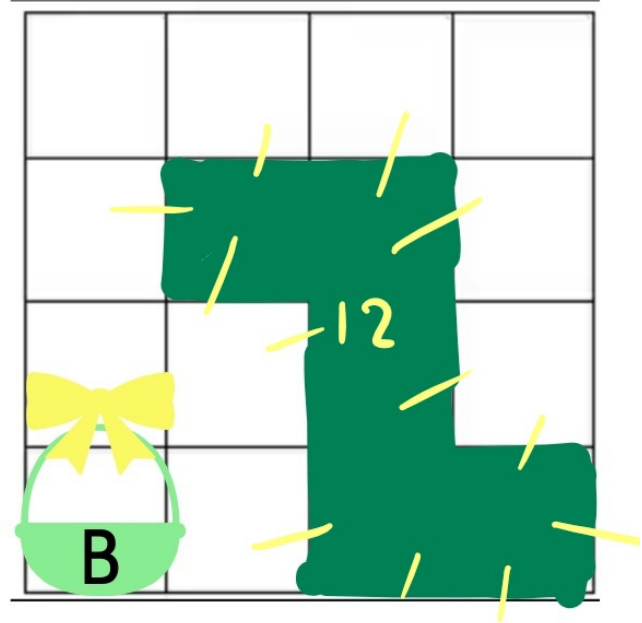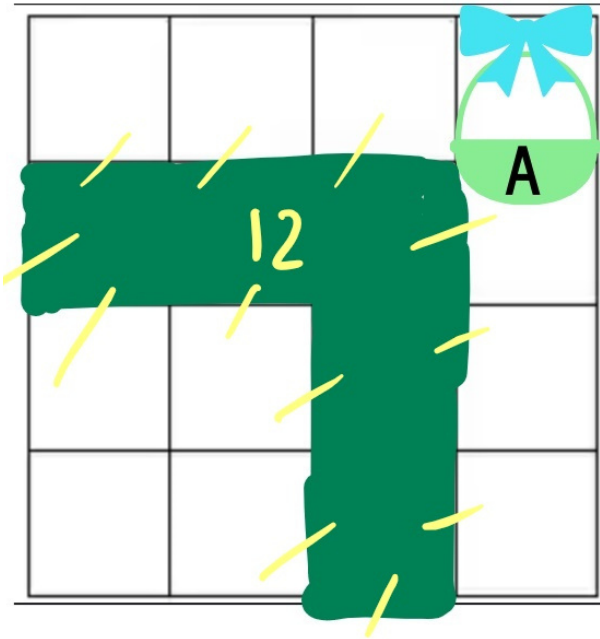# Basket B

Largest Perimeter answers

Eggs were hidden around the perimeter of 4 different gardens. A different basket was placed in each garden.
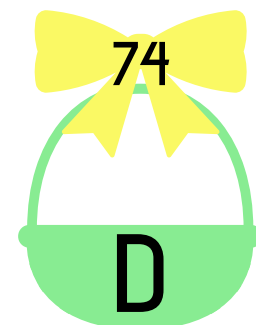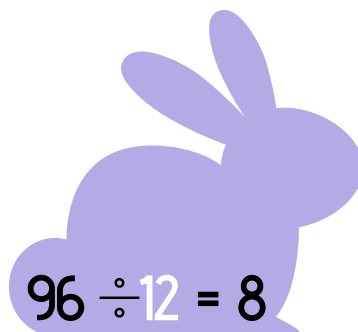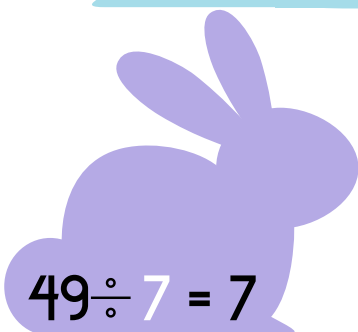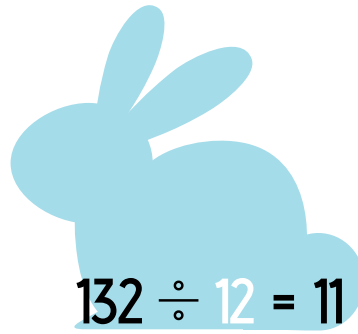
A

12

B

12

16

C

D

12

Missing number Easter bunnies answer

Each Easter bunny is missing a number.
Calculate each missing number then add them all up.

$9 \times 8 = 72$

$6 \times 8 = 48$

$8 \times 7 = 56$

$12 \times 12 = 144$

$64 \div 8 = 8$

$132 \div 12 = 11$

$49 \div 7 = 7$

$96 \div 12 = 8$

71

A

72

B

73

C

74

D
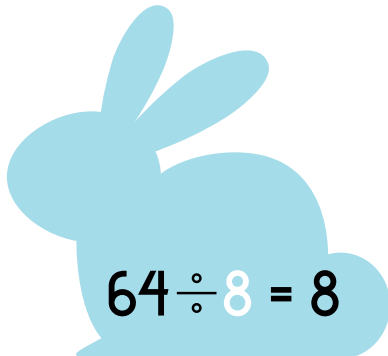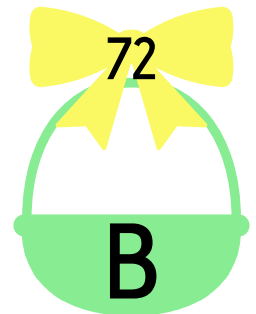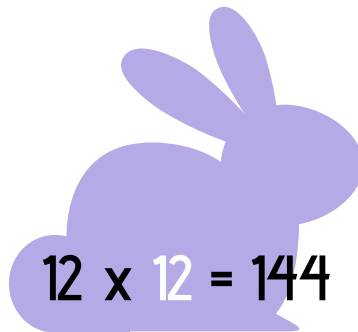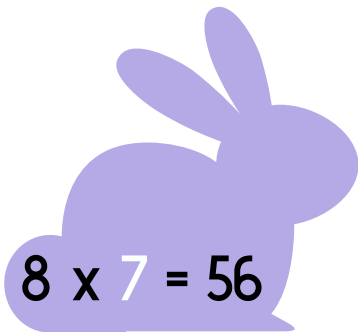
CLUE 4

$9+6+7+12+8+12+7+12 = 73$

Basket C

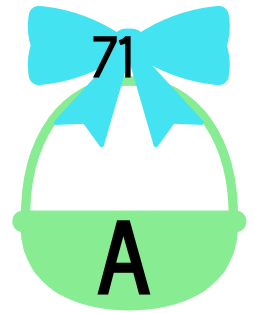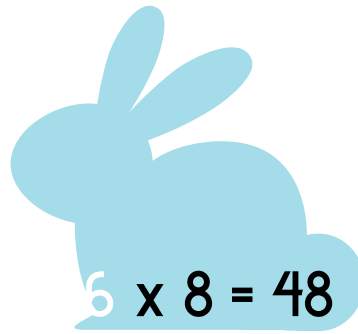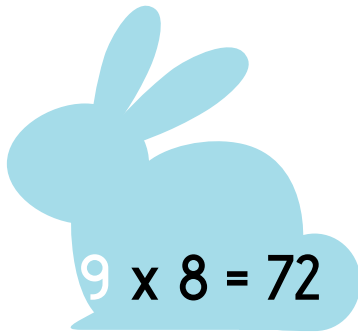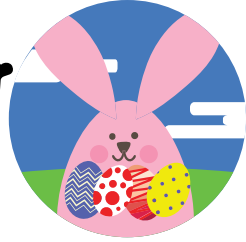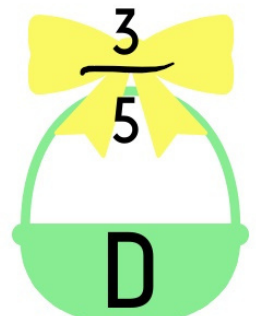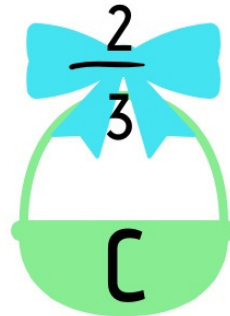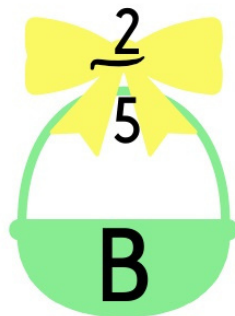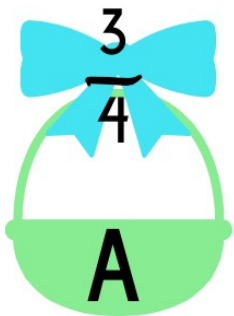# Easter fractions answer

A fraction of each group has been circled in red. Match the fraction to the correct basket.

$$\frac{2}{3} = \frac{4}{6}$$

$$\frac{3}{4} = \frac{6}{8}$$

$$\frac{2}{3} = \frac{8}{12}$$

$$\frac{2}{5} = \frac{4}{10}$$

$$\frac{3}{5} = \frac{6}{10}$$

$$\frac{2}{3} = \frac{12}{18}$$

A $\dfrac{3}{4}$

B $\dfrac{2}{5}$

C $\dfrac{2}{3}$

D $\dfrac{3}{5}$
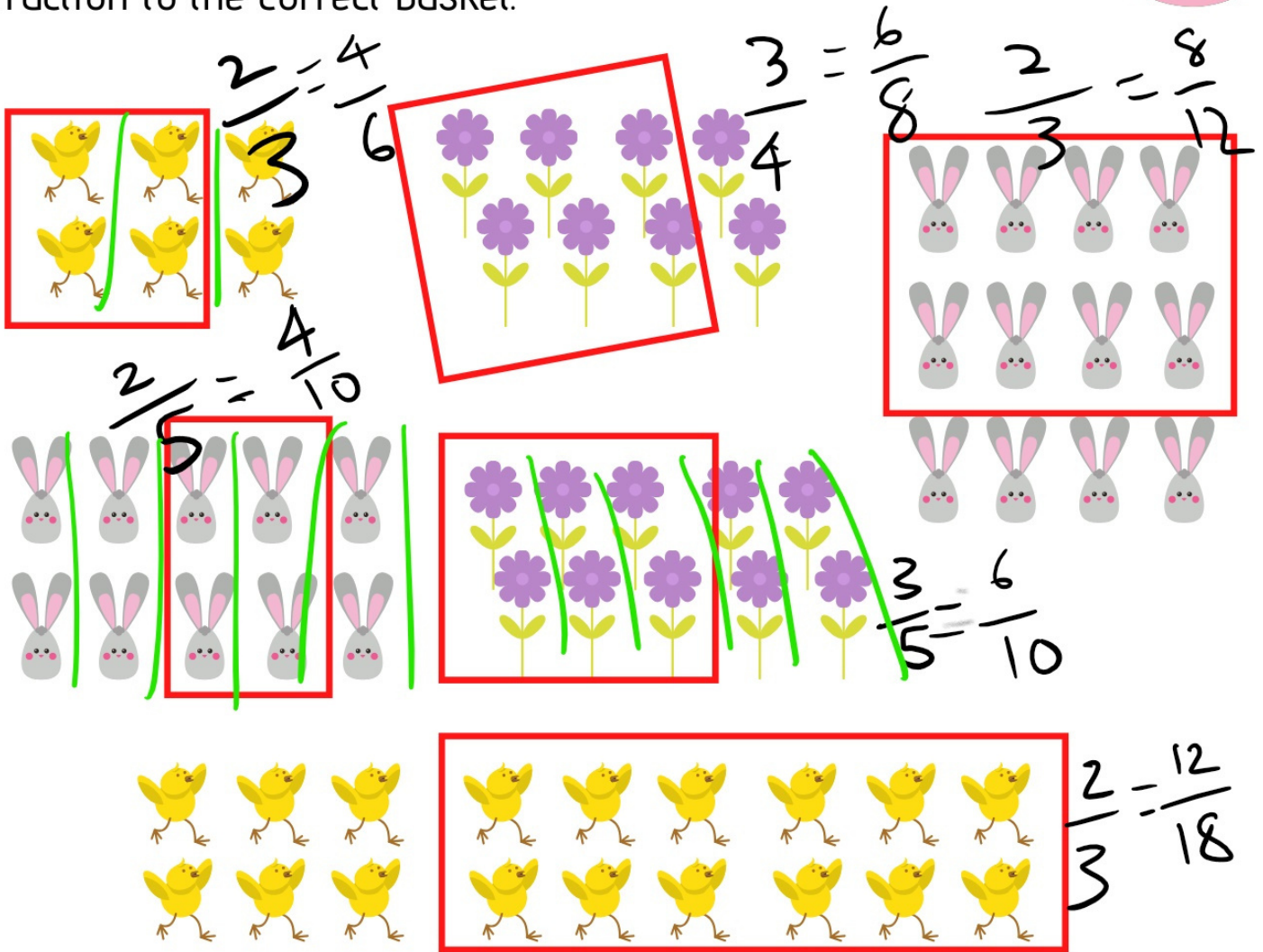
CLUE 5

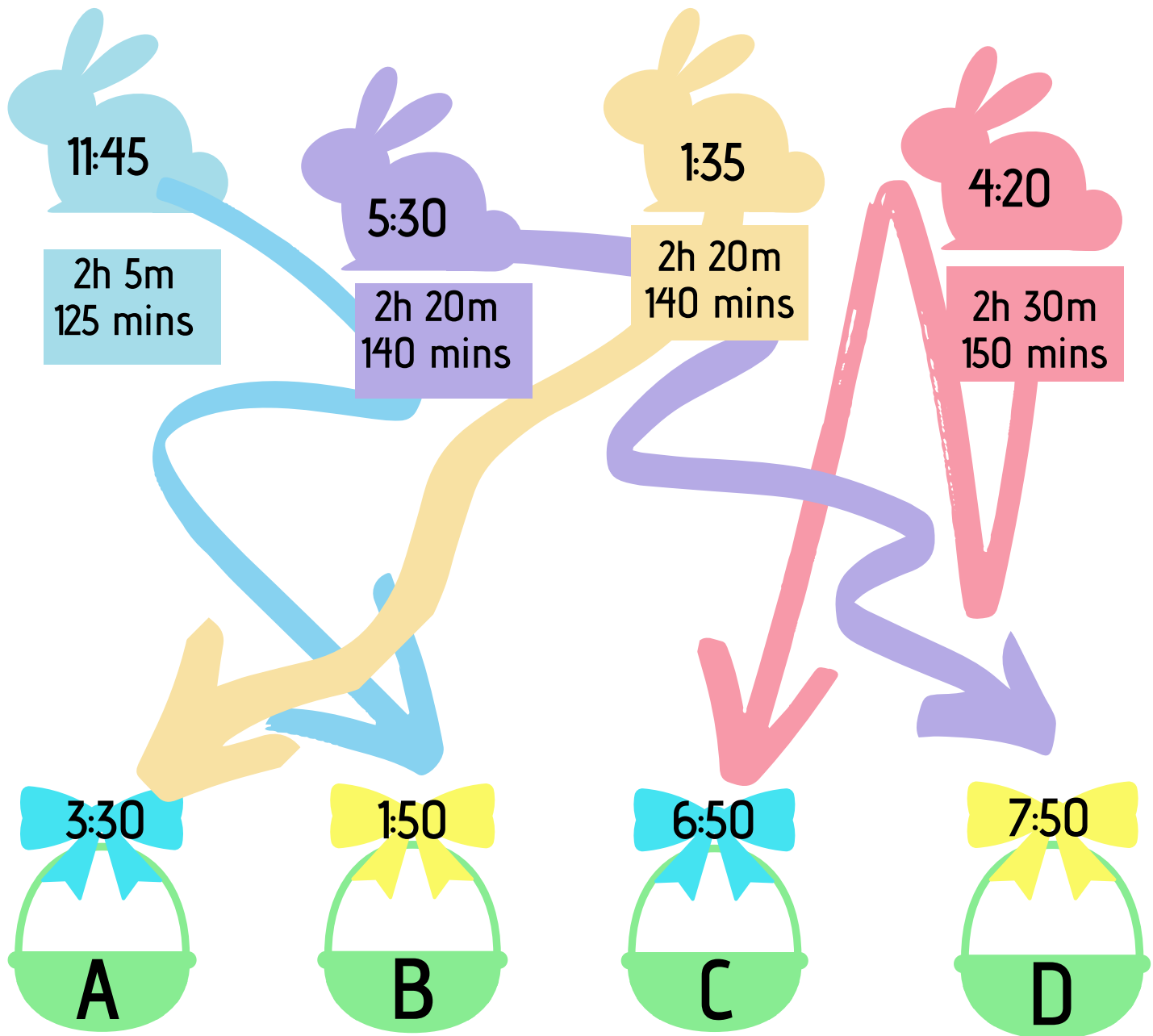# Basket C

Calculate the journey

The clocks show the start and end time for each Easter bunnie's journey. Calculate how ling each bunnie took.

11:45

2h 5m
125 mins

5:30

2h 20m
140 mins

1:35

2h 20m
140 mins

4:20

2h 30m
150 mins

3:30

1:50

6:50

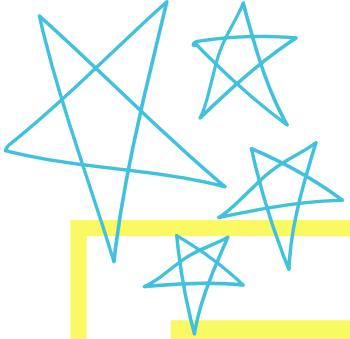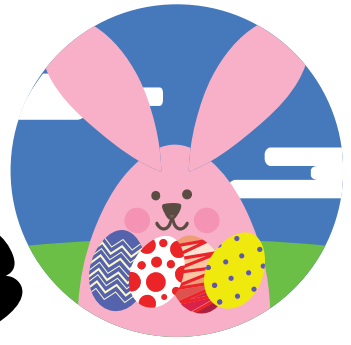**7:50**

A

B

C

D

CLUE 6

Basket A

1hour 55mins or 115minutes
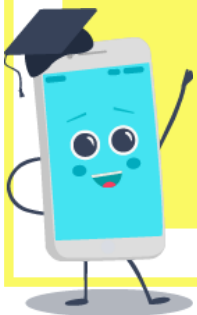
Easter challenge answers

Clue 1 : Basket D
Clue 2 : Basket B
Clue 3 : Basket C
Clue 4 : Basket C
Clue 5 : Basket C
Clue 6 : Basket A
Winner: Basket C

C