Easter Egg Treasure Hunt
Check with an adult where it is OK to hide the cards. This can be outdoors or indoors. Most of these games can be carried out as a treasure hunt, or you can sit with the cards in front of you. Some activities are easier than others, so try the ones that work best for you. Remember you can play the games more than once. Why not time yourself and see how much quicker you get?

CHALLENGE
Egg Boxes
(a game for one-6 players)

For one or more people - if there is more than one person decide if you will work together or play against each other) Place all the eggs either number up or pattern up. Once you have done this you are ready to start. The aim is to gather the eggs into 'boxes'. The eggs should be sorted so they have a link to every other egg in the box (for example, each egg in the 'box' may be in the 3 x table, or they may all have stripes in their pattern). Once you have gathered a 'box', see if you can sort the other eggs in a different way. Can you sort all of the eggs into boxes?

CHALLENGE
Odd One Out
(a game for up to 6 players)

Each player collects 4 egg cards (by hunting for the eggs or by putting them in a pile and dealing each player 4).

Players look at both sides of the cards and decide if they want numbers or eggs facing up. Take it in turns to pick an egg from your four that is the odd one out. If you can explain why, you get a point. Put the cards back in the pile, or hide them again. Play the game 6 times. The player with the most points is the winner.

CHALLENGE
Unscrambled Eggs
(a game for one person or people working together)

Each card has a large number at the top and a question at the bottom. Pick a card. Work out the answer to the question. You now need to find the card that has that answer at the top. Place it next to the first egg and then answer the new question. Find the card with that answer on it and so on. Keep going until the answer to the question on the bottom of the last card matches the number at the top of the first card you picked.

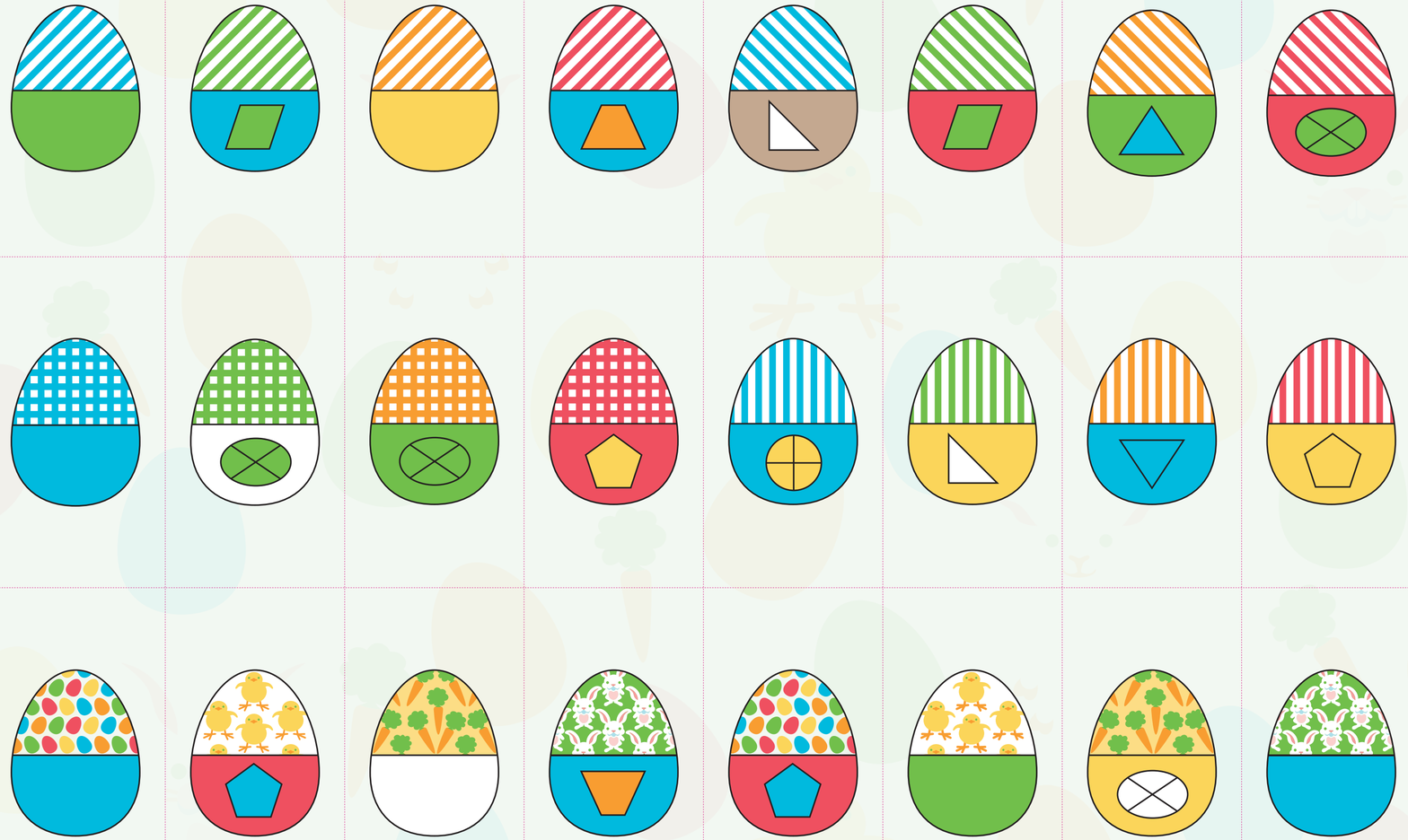
* This game would also work really well as an egg hunt - having to find the next egg in the sequence.

Issued to primary 6 pupils in Scotland for Easter holiday maths family fun.

Developed in partnership between the Scottish Government, The Scottish Mathematical Council and Education Scotland.

Please check out Parentzone Scotland at **https://education.gov.scot/parentzone** for more fun ways to help support your child at home with numeracy.

Solutions and workings will be published at **https://blogs.gov.scot/making-maths-count/** on Wednesday 4 April 2018.



1

2

An Easter egg recipe uses 50g of chocolate.

How many eggs can be made from 300g?

3

How many sides does a pentagon have?

4

Amber takes $\frac{3}{4}$ of an hour to find all of the eggs on the treasure hunt. It took Tony $\frac{1}{3}$ of this time.

How many minutes did it take Tony?

5

If 🥚 + 2 = 10

4 x 🥚 = ?

6

James has 3 Easter eggs. Sam has twice as many.

How many eggs altogether?

8

What is the answer to this question?

3 x 3 x 3 = ?

9

How many days are there in April?

12

How many degrees are there in a right angle?

15

Eggs are stored in trays of 5 by 5.

How many eggs in one tray?

16

Easter Sunday is 1/4/2018.

What is
1 x 4 x 2 x 0 x 1 x 8 = ?

17

If 🥚 + 🐰 = 17

and 🥚 + 🥚 = 16

🥚 x 🐰 = ?

24

What number comes next?

1, 2, 4, 7, 11, 16, 22, 29, ___?

25

Easter egg boxes are displayed in rows of 8 and are 8 boxes high.

How many Easter eggs are there in the display?

27

What is the answer to this question?

1 x 1 x 1 x 1 = ?

30

72 hours is the same as how many days?

32

How many sides does an octagon have?

37

The smallest even number.

(This is also the only even prime number)

45

What is the answer to this question?

3 x 3 x 3 x 3 = ?

64

Susan has 48 Easter Bunnies. She gives $\frac{3}{4}$ of them away.

How many has she got left?

72

$\frac{1}{4}$ of 64.

(try halving 64 then halving your answer)

81

How many lines of symmetry does a square have?

90

Find a number between 10 & 20 that only appears in the 1x table and its own.

(This is called a prime number)

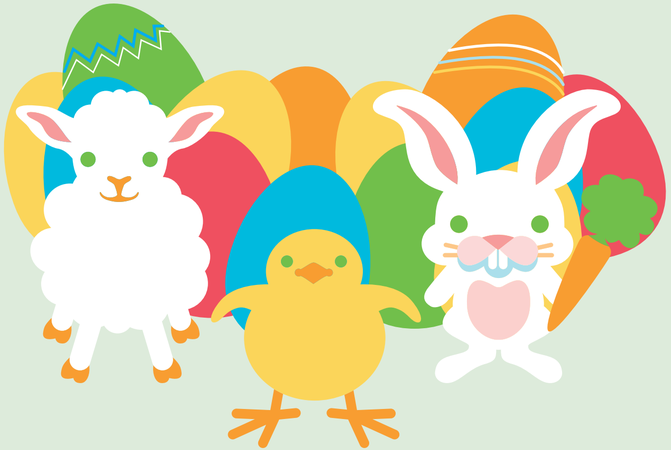
0

What is the answer to this question?

1 x 2 x 3 x 4 = ?

Easter Holiday 2018

Deputy First Minister's Maths Challenge



The Scottish Mathematical Council

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