Easter Maths Reasoning

The Easter Bunny puts some eggs in a pattern:
Pink, yellow, blue, pink, yellow, blue…
One of the badgers says the 17th egg will be yellow.
Is he right? Explain your answer.

A box holds 10 eggs. The geese say they need 8 boxes to hold 50 eggs. Are they right? Explain your answer.
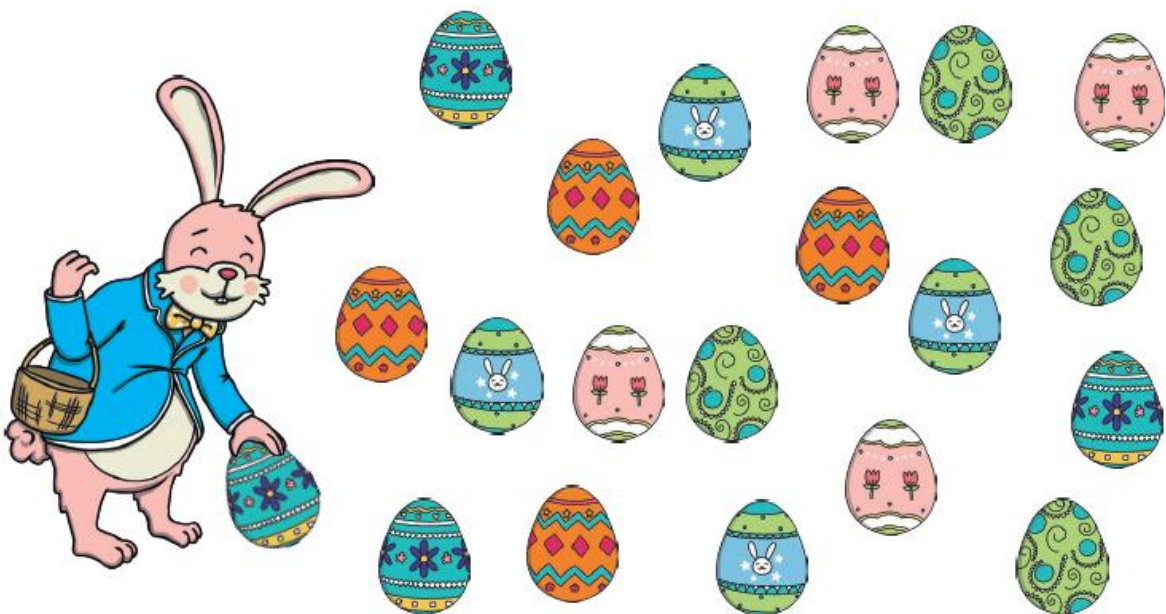

The Easter Bunny puts eggs on a shelf. He has purple, green and white eggs.
What combinations could he make with 3 eggs?
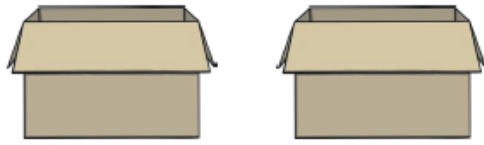

Paint costs 75p per pot.
What is the smallest number of coins the Easter Bunny could pay exactly with?
What is the largest number of coins the Easter Bunny could pay with?

The Easter Bunny has 20 chocolate eggs. How many different ways can he put them into groups?

On Monday, a baker made 10 hot cross buns.
He shared them equally between 2 boxes.

On Tuesday, the baker made 50 buns and shared
them equally between 5 boxes.

Which boxes have the most buns?

Daffodils are sold in bunches of 10.

Each child buys a bunch of daffodils.

Altogether, the children buy 88 daffodils.

Is this true or false?

Explain your answer.