Maths Puzzler

December 2018
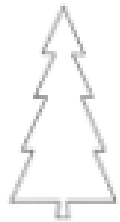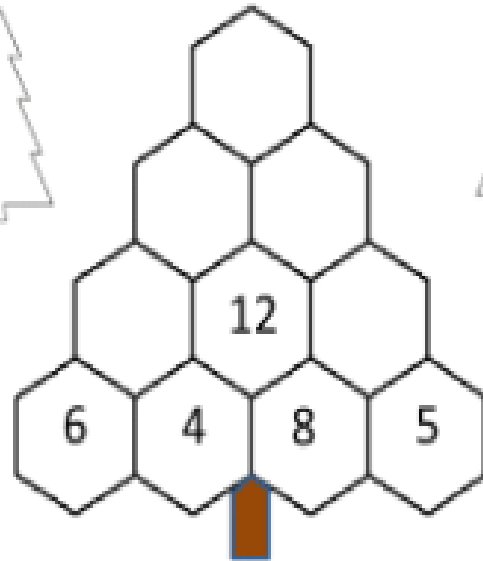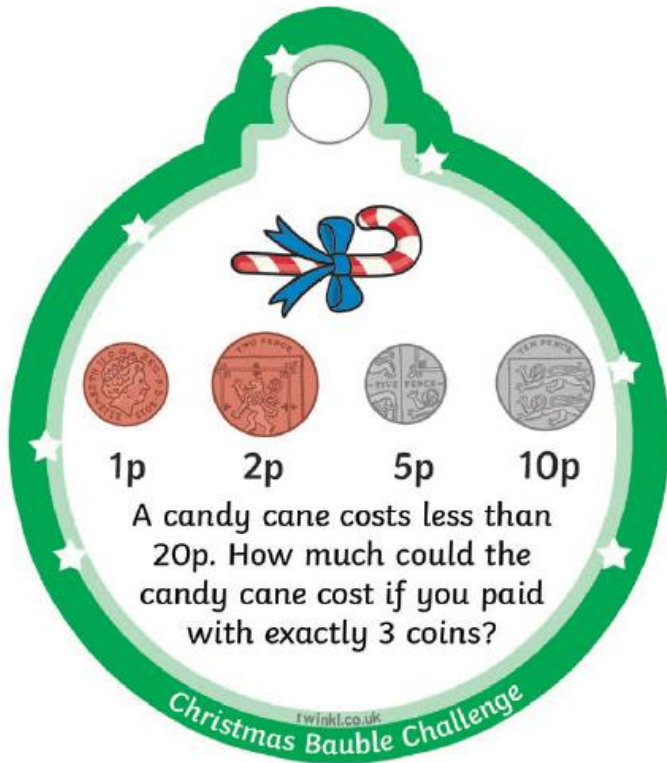
Christmas Edition!

1p   2p   5p   10p

A candy cane costs less than 20p. How much could the candy cane cost if you paid with exactly 3 coins?

Christmas Bauble Challenge

twinkl.co.uk

12

6   4   8   5

Each number in the Christmas tree is the total of the two numbers below it. Can you fill in the missing numbers?

Rudolph put four stars on a tree.
He coloured each star either red or yellow.

In how many different ways can Rudolph colour the four stars?

Choose from these numbers.

1   4   2   8

Pick a pair of numbers.
Add them together.
Write the numbers and the answer.

Pick a different pair of numbers.
Write the numbers and the answer.

Keep doing it.
How many different answers can you get?

Now take one number from the other.
How many different answers can you get now?

Can you draw a Christmas
Tree that has:

. 8 baubles

. 7 presents underneath

. 12 fairy lights

. 4 stars

. 1 fairy on the top

MERRY CHRISTMAS

Santa wanted to make some gingerbread men.
He had 27 red smarties to use as buttons.
How many gingerbread men can Santa make if
each need 3 buttons?

An elf ate 3 of the smarties! How many
gingerbread men can Santa make now?

Can you fill in the missing numbers
to complete the pattern?

3   9   18   30