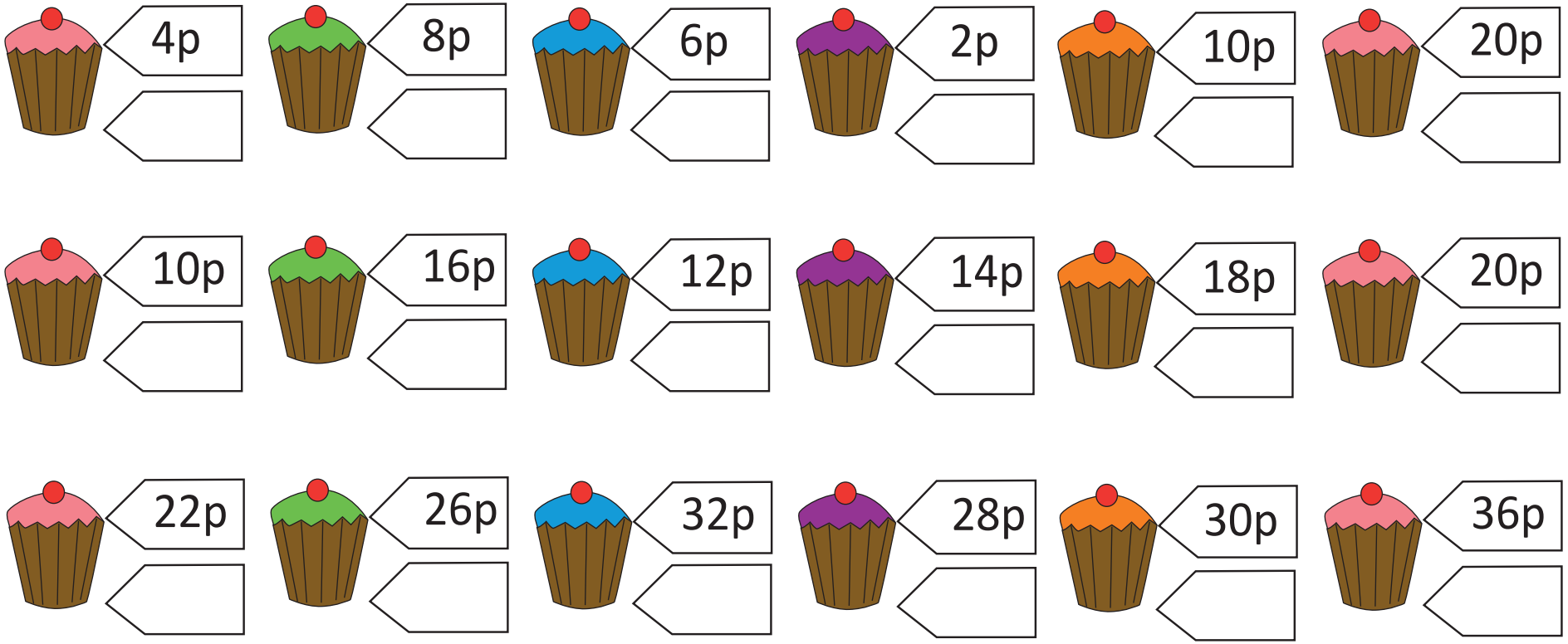
The cake sale

Sheet 1

All cakes are half price. Write the new prices next to the cakes.



Challenge

How many times can you halve 36 before you reach an odd number? Write all the numbers in this chain.
Is there a number between 20 and 40 that can be halved like this to give a longer chain?
Which number gives the longest chain?

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