Here are some multiplication and division challenges for you to have a go at if you are feeling really confident! Remember to explain your answers and show your working out.

## Challenge 1:

Two friends want to buy some marbles and then share them out equally between them.
They could buy a bag of 13 marbles, a bag of 14 marbles or a bag of 19 marbles. What size bag should they buy so that they can share them equally?

What other numbers of marbles could be shared equally?

## Explain your reasoning.

## Challenge 2:

Alex has 20 sweets and shares them between 5 friends. Tommy has 20 sweets and shares them between 10 friends. Whose friends will receive the most sweets? How do you know? Show your working out.

## Challenge 3:



