- **LO: To use solve fraction of number problems.**
- **SC**: I know that the denominator (bottom number) tells me how many groups to divide into.
- I can share out the total number equally.
- I know that the numerator (top number) tells me how many groups to count up.

1) You have got 48 marshmallows to share at a party.

But you have to give some to your friend.

You can either keep 3/8 or ½ of the marshmallows to share at your party.

Explain which fraction you would choose so that you had the greatest amount to share at your party.

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2) You want to buy a new pair of trousers. They cost £12. Luckily the shops are having a sale.

Shop A is selling the pants at 3/4 of the original price.

Shop B is selling the pants at 2/3 of the original amount.

You want to buy the underpants at the cheapest price. Which shop will you buy them from? Explain your answer.

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3) For charity, you are organising a sweet stall at playtime. You have 70 sweets to sell. You can either sell 4/5 or 5/7 of this amount.

You are allowed to share the rest of the sweets with your class.

Which fraction of the sweets would you sell on your stall so that you had the greatest amount of sweets to sell for charity?

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You have 24 stickers. You can choose between having **a)** 3/8 or **b)** 2/6 of the total amount of stickers.

Would you choose a or b so that you had the most amount of stickers?

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