

We are learning to find fractions of amounts.

Investigation A

You have 48 sweets. You can choose between having
a) $\frac{4}{6}$ or b) $\frac{5}{8}$ of the total amount of sweets.



Would you choose a or b so that you had the most
Amount of sweets?
Make sure you explain your answer.

We are learning to find fractions of amounts.

Investigation B

You want to buy a jumper. The jumper is £42.

In shop A, the jumper is priced at $\frac{5}{6}$ of the original price.

In shop B, the jumper is priced at $\frac{2}{3}$ of the original price.



In which shop would you be able to buy the jumper for the cheapest price?
Explain your answer.

We are learning to find fractions of amounts.

Investigation C

You are cooking frozen peas. There are 63 frozen peas in a bag. You can use either $\frac{3}{7}$ or $\frac{4}{9}$ of the total amount of peas.



Which fraction of the frozen peas will you choose so that you have the most amount of peas to go with your Sunday dinner? Explain your answer.

We are learning to find fractions of amounts.

Investigation D

You have got 56 marshmallows to share at a party.
But you have to give some to your brother.
You can either keep $\frac{3}{7}$ or $\frac{1}{2}$ 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.

We are learning to find fractions of amounts.

Investigation E

You want to buy a new pair of underpants. The pants cost £12! Luckily the shops are having a sale.

Shop A is selling the pants at $\frac{3}{4}$ of the original price.

Shop B is selling the pants at $\frac{2}{3}$ of the original amount.



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

We are learning to find fractions of amounts.

Investigation A

For charity, you are organising a sweet stall at playtime. You have 70 sweets to sell. You can either sell $\frac{4}{5}$ or $\frac{5}{7}$ 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?