

Can you solve these using a bar model?

20% of 140

30% of 890

70% of 70

90% of 660

Is there another method to solve the following?

5% of 160

5% of 280

5% of 1m 60cm

65% of 30m

35% of 170g

15% of £50

Four children in a class were asked to find 20% of an amount, this is what they did:



Whitney

I divided by 5 because 20% is the same as one fifth

I found one percent by dividing by 100, then I multiplied my answer by 20

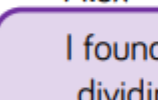


Amir



Alex

I did 10% add 10%



Jack

I found ten percent by dividing by 10, then I multiplied my answer by 2

Who do you think has the most efficient method? Explain why.

Who do you think will end up getting the answer incorrect?

Is dividing by 10 and multiplying by 5 the most efficient way to find 50%? Explain why.

Is dividing by 10 and multiplying by 9 the most efficient way to find 90%? Explain why.

How many ways can you think of to calculate 60% of a number?