

Rosie writes,

$$85 \div 3 = 28 \text{ r } 1$$

She says 85 must be 1 away from a multiple of 3
Do you agree?

Alex has 6 T-shirts and 4 pairs of shorts.
Dexter has 12 T-shirts and 2 pairs of shorts.

Who has the most combinations of T-shirts and shorts?

Explain your answer.

True or False?

To divide 639 by 3 you need to use the short division method.

Here are the meal choices in the school canteen.

Starter	Main	Dessert
Soup	Pasta	Cake
Garlic Bread	Chicken Beef Salad	Ice-cream Fruit Salad

There are 2 choices of starter, 4 choices of main and 3 choices of dessert.

How many meal combinations can you find? Can you use a systematic approach?

Can you represent the combinations in a multiplication?

If there were 20 meal combinations, how many starters, mains and desserts might there be?

If I roll two six-sided dice there are 36 possible combinations.

