

Probability – Checkpoint Primary Math

1.

Carlos rolls a fair six-sided dice numbered 1 to 6

Tick (✓) to show if the pairs of outcomes are mutually exclusive or **not** mutually exclusive.

Pairs of outcomes	Mutually exclusive	<u>Not</u> mutually exclusive
Roll a number that is divisible by 2 and Roll a number that is divisible by 3		
Roll a number that is divisible by 2 and Roll a number that is a multiple of 5		
Roll a number that is divisible by 2 and Roll a number that is a multiple of 4		
Roll a number that is divisible by 2 and Roll a square number		

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2.

Angelique rolls a fair six-sided dice numbered 1 to 6 **once**.

Here are some pairs of outcomes.

Tick (✓) to show if the pairs of outcomes are equally likely or **not** equally likely.
One has been done for you.

Pairs of outcomes	Equally likely	<u>Not</u> equally likely
Roll an odd number or an even number	☒	☐
Roll a 3 or roll a 5	☐	☐
Roll a 4 or roll an even number	☐	☐
Roll a 7 or roll a 9	☐	☐

[1]