

Dice Roll Investigation

Dice Roll Results for 24 rolls:

Number	Tally
1	
2	
3	
4	
5	
6	

Was your prediction correct? Why?

If you were to complete this chart would the results be the same? Why/why not?

If you rolled the number 5 ten times number of times the next time you



Dice Roll Investigation

I can identify events where the chance of one will not be affected by the occurrence of the other (ACMSP094)

Roll one dice 12 times and record each roll as a tally mark.

Equipment I will need:

- 1 x dice
- Pencil
- Activity sheet

Instructions:

1. Roll the dice.
2. Record the number shown as a tally mark in the correct space in the table below.
3. Repeat steps 1 and 2 eleven more times (so that you have rolled the dice 12 times).

Dice Roll Results for 12 rolls:

Number	Tally
1	
2	
3	
4	
5	
6	

You are now going to repeat the investigation but for 24 rolls. Make a prediction on what you think the results will be. Will it be the same as your first roll? Why/why not?

My prediction is:



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Dice Roll Results for 12 rolls:

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1	
2	
3	

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