Spinners

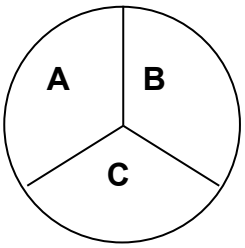
CCSS 5.NF.3, 6.RP.1

Probability can be demonstrated with a spinner and can be expressed using words such as: *equally likely, twice as likely, certain, same chance as, etc.*

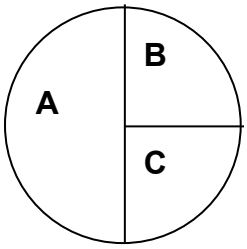
Hand out the **Spinners I sheet** and ask the students what they can tell you about them. Can they describe these spinners with ratios or percentages?

MATERIALS:

-Spinner sheet
-Paper clips
-Pencils



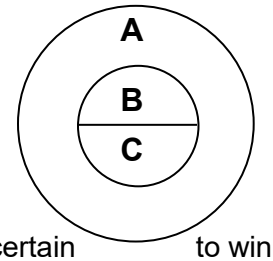
A is equally likely to be selected as B or C, 1/3 chance, 33%



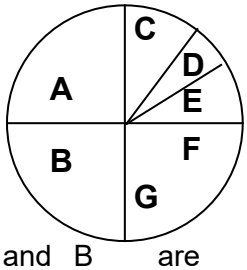
A is twice as likely to be selected as B or C,

Give each student a **paper clip**; have the student create a spinner by straightening the outer wire of a paper clip, then holding a **pencil**, pointed end down, through the center of the clip in the middle of the circle. Spin the spinner fifteen times; record and review the results. Note that only the *tip* of the spinner counts when recording results.

Now test the next two spinners. Once again spin fifteen times; record and review the results.



A is certain to win; 100%, 1/1.



A and B are equally likely to win.

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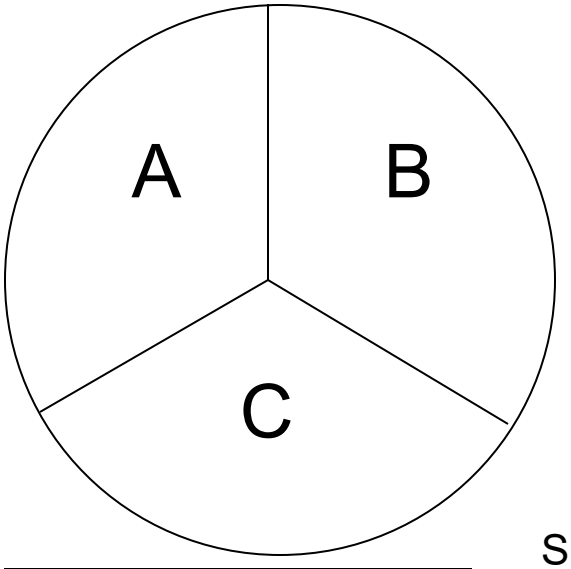
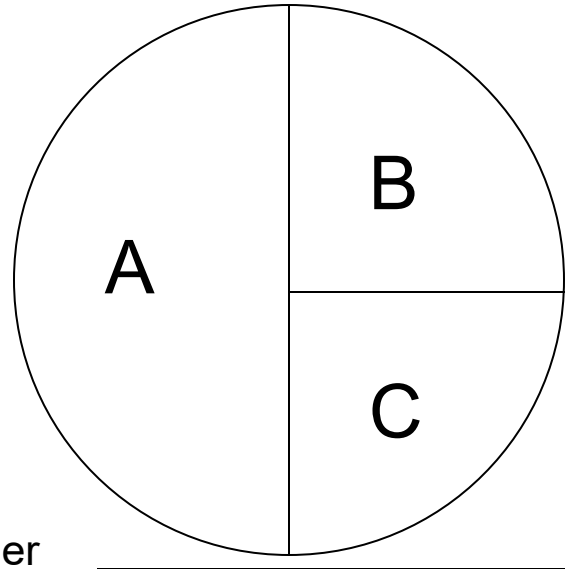
Spinners I

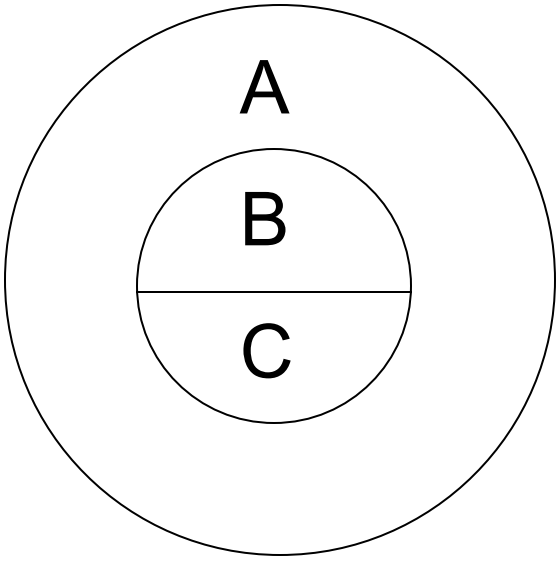


	Tally	Number
A		
B		
C		

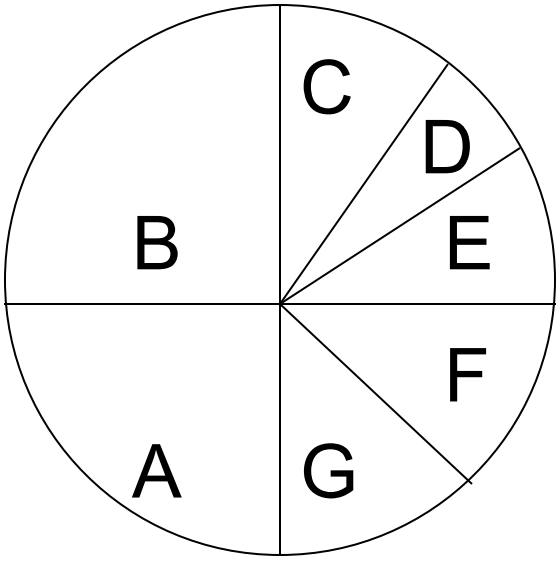
Spin each spinner 15 times and record the results under each spinner.



	Tally	Number
A		
B		
C		



	Tally	Number
A		
B		
C		



	Tally	Number		Tally	Number
A			**D**		
B			**E**		
C			**F**		

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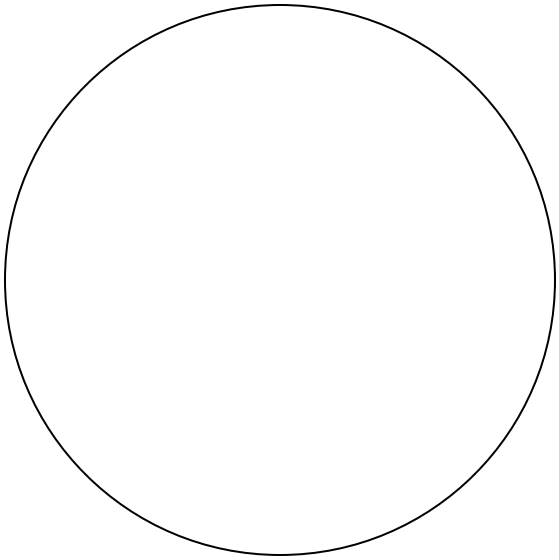
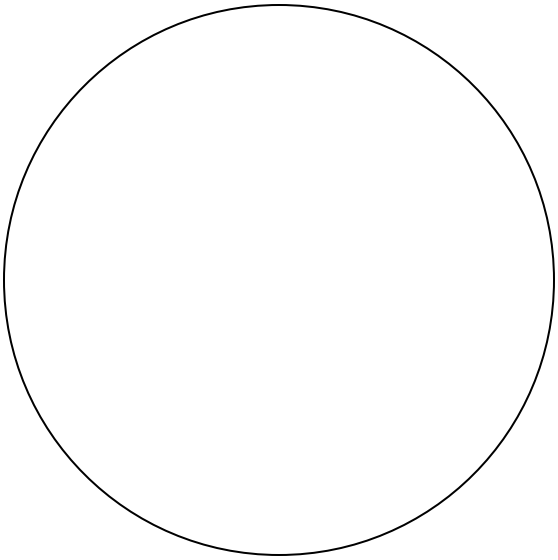
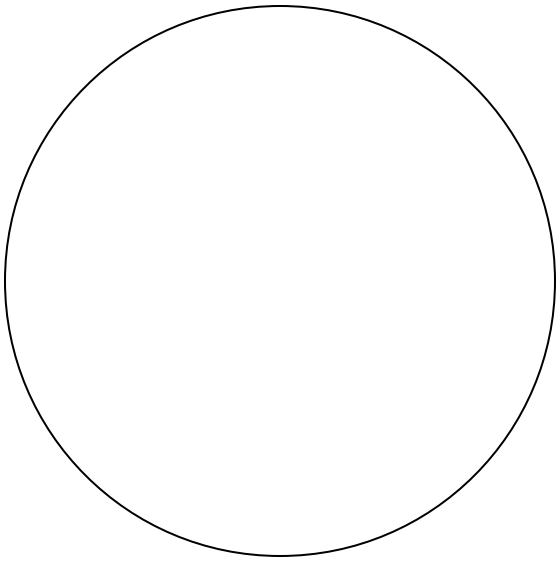
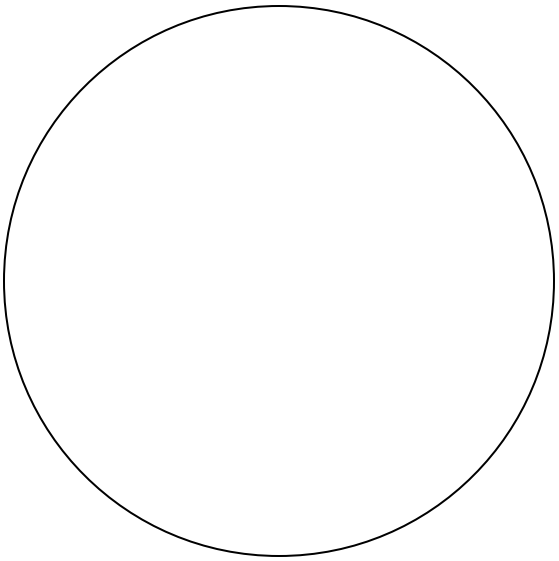
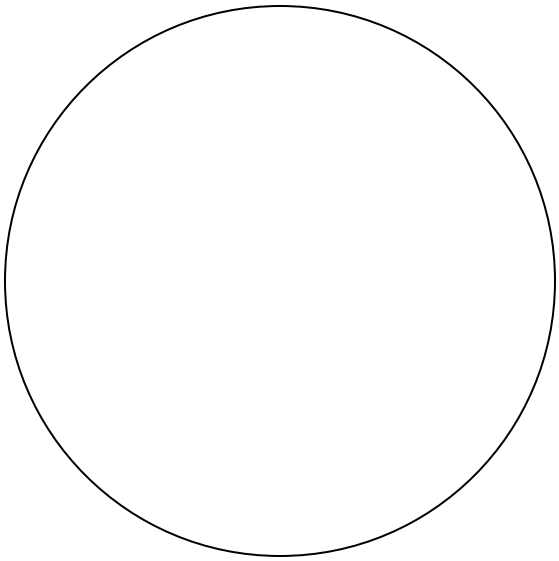
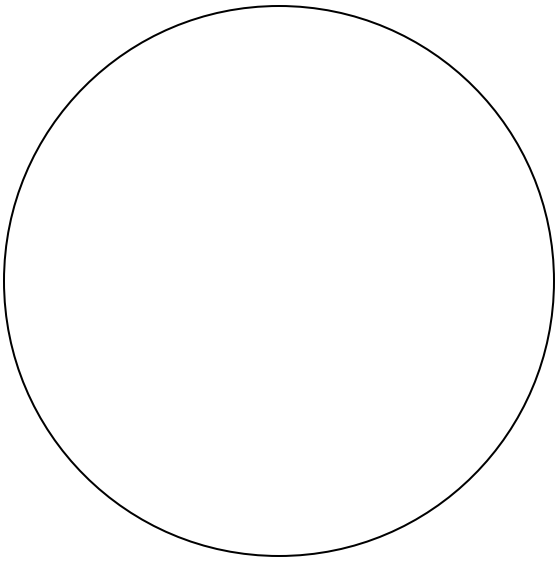
Spinners II

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