



Name: Form:

Based on pages 20 and 21 of *Forces in action*

Investigating spinners

Try this...

1. Take a piece of paper and mark out the lines shown in Diagram 1. Measurement X should be 3cm, measurement Y should be 12cm and measurement Z should be 3cm.
2. Cut along lines A to A₁ and B to B₁.
3. Bend the paper as shown in Diagram 2.
4. Attach a paperclip to the spinner as shown in Diagram 2.
5. Test your spinner to see that it spins as it falls to the ground.
6. Plan an investigation to find out how the number of paperclips attached to the spinner affects the way it falls and write it down here. In your plan, make a prediction about the results.

Diagram 1

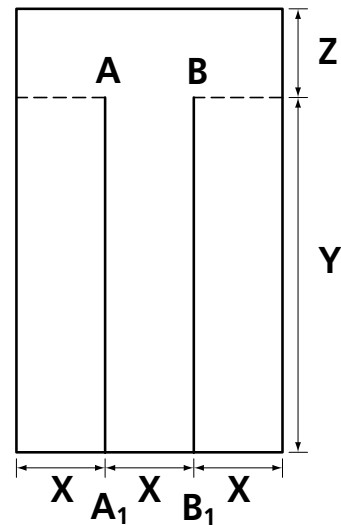
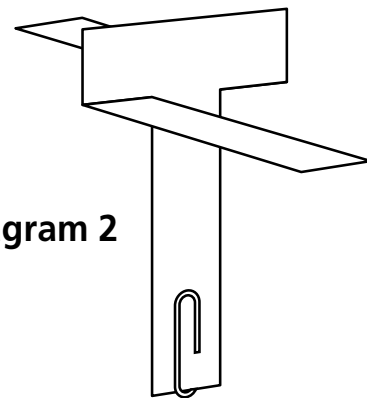


Diagram 2













7. Show your teacher your plan. If your teacher approves, try your investigation.

Looking at the results.

8. What did the results show?

