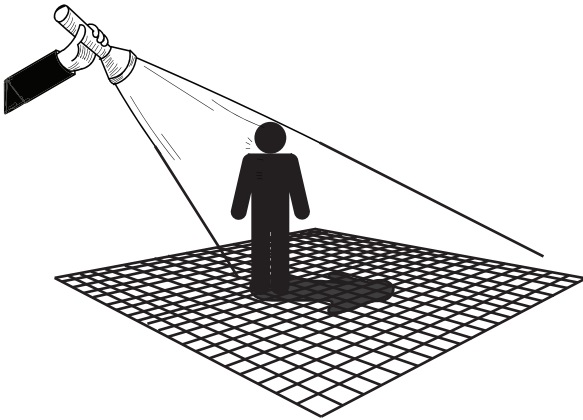





How does the position of the sun affect the size of your shadow?

What I think happens:



- 1) Construct a figurine using the 'silhouette figure' worksheet.
- 2) Stand the figure on the grid paper. Mark its position on your paper.
- 3) Direct the light of a torch onto your cardboard figure.
- 4) Trace around the figure's shadow on the grid paper and note the position of your torch light.
- 5) Count and record the number of shaded squares.
- 6) Shine the torch light from a different position and repeat the experiment.

Record your results :

<p>Sample 1: The light source is directly above the figure.</p>  <p>_____ squares</p>	<p>Sample 2: The light source is</p>  <p>_____ squares</p>	<p>Sample 3: The light source is</p>  <p>_____ squares</p>
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Results:

Conclusion:
