



MACHINERY AND GEARING

Windpump from Pevensey

	<p>Colour the windpump to show which parts are made from wood and which are iron.</p> <p>The numbers tell how many teeth are on each gear wheel.</p> <p>When the sails turn once A turns once and B turns once -</p> <p>The gear ratio is 1:1</p> <p>When C goes round once how far will D turn? _____</p> <p>The gear ratio is 1:0.5 or 2:1</p>
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Horse Gin from Patching (behind the Pugmill House)

	<p>Count the number of teeth on each gear wheel.</p> <p>Record your results on the diagram.</p> <p>When the large wheel turns once the small wheel turns _____</p> <p>The gear ratio is 1: _____</p>
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