

Imperial Measures

Reasoning and Problem Solving

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| <p>Jack is 6 foot 2 inches tall.</p> <p>Rosie is 162 cm tall.</p> <p>Who is taller and by how much?</p> | <p>Jack is 185 cm tall, he is 23 cm taller than Rosie.</p> |
| <p>60 gallons of water are drunk at a sports day.</p> <p>Each child drank 3 pints.</p> <p>How many children were at the sports day?</p> | <p>60 gallons = 480 pints</p> <p>$480 \div 3 = 160$ children</p> |
| <p>Eva wants to make a cake.</p> <p>Here are some of the ingredients she needs:</p> <ul style="list-style-type: none"> 8 ounces of caster sugar 6 ounces of self-raising flour 6 ounces of butter <p>This is what Eva has in her cupboards:</p> <ul style="list-style-type: none"> 0.5 lbs of caster sugar 0.25 lbs of self-raising flour $\frac{3}{8}$ lbs of butter <p>Does Eva have enough ingredients to bake the cake?</p> <p>If not, how much more does she need to buy?</p> | <p>Eva has the exact amount of butter and caster sugar, but does not have enough self-raising flour – she needs another 2 ounces.</p> |

