

mixed problems - set 1

Use the left-hand side for rough working out and the right-hand side for a refined solution that includes all relevant steps and can be followed by someone who has not attempted the problem.

<p><i>Q1. Using only 5c, 10c and 20c coins, in how many ways can you make up 30c?</i></p> <p>Draft Solution</p>	<p>Refined Solution</p>
<p><i>Q2. A 64 page magazine is made up of 16 sheets which have been folded over and stapled down the middle. Pages 1, 2, 63 and 64 are on the same sheet. Pages 31, 32, 33 and 34 are on the same sheet. What other pages are on the same sheet at page 15?</i></p> <p>Draft Solution</p>	<p>Refined Solution</p>

Q3. Leo the rabbit is climbing up a flight of 10 steps. Leo can only hop up one or two stairs each time he hops. He never hops down, only up. How many different ways can Leo hop up the flight of 10 steps?

Draft Solution

Refined Solution