

How To Do Maths

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Question 4

You could look at page 62–3, which has information about circles. This information relates to the question on page 76 which involves 3-D circles or spheres with a diameter (the distance across the centre) of $2\frac{1}{2}$ cm. The question tells you the measurement across each sphere, so a child would have to imagine, or draw onto the diagram, balls of this dimension. There would be 4 balls going along the length of the box ($2\frac{1}{2} \times 4 = 10$), three balls going along the width of the box ($2\frac{1}{2} \times 3 = 7\frac{1}{2}$) and two balls going along the height of the box ($2\frac{1}{2} \times 2 = 5$), so $3 \times 4 \times 2 = 24$.