24 The length of a diagonal of a cuboid is 20 cm
The diagonal makes an angle of $24^{\circ}$ with the base.
The area of the base is $150 \mathrm{~cm}^{2}$


Work out the volume of the cuboid.
Work out the volume of the cuboid.
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Answer $\qquad$ $\mathrm{cm}^{3}$

