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Mana Tohu Mātauranga o Aotearoa
New Zealand Qualifications Authority

Level 1 Physics, Earth and Space Science 2024

Credits: Five

RESOURCE BOOKLET

Refer to this booklet to answer the questions in your Question and Answer Booklet.

Check that this booklet is printed on page 2.

YOU MAY KEEP THIS BOOKLET AT THE END OF THE EXAMINATION.

You may find the following formulae useful.

$$\Delta E = Pt$$

$$E_k = \frac{1}{2}mv^2$$

$$E_p = mg\Delta h$$

$$W = Fd$$

$$E_{\text{thermal}} = mc\Delta t$$

$$E_{\text{thermal}} = mL$$

$$P = VI$$

$$V = IR$$

$$g = 10 \text{ N kg}^{-1}$$

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