

92047R



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New Zealand Qualifications Authority

## Level 1 Physics, Earth and Space Science 2025

Credits: Five

### RESOURCE SHEET

Refer to this booklet to answer the questions in Physics, Earth and Space Science 92047.

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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