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| *Human Perspectives ATAR Units 3 & 4* |

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Worksheet 3.2 Nerve impulses

**1** Describe what happens to a sodium ion in the extracellular fluid surrounding a neuron during a nerve impulse. Include what causes each action to occur.

**2** Label the diagram below to show when each of the following occur.

**a** Depolarisation

**b** Repolarisation

**c** The threshold is reached

**d** Hyperpolarisation

**e** Refractory period

