

## Solutions

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**2.1 A** Distinguish mitigation, which addresses drivers, from adaptation, which reduces harm from impacts. A policy assessment needs evidence about effectiveness, cost, equity and uncertainty; one criterion is not the entire decision.

**2.2** reflected percentage= $72/240 \times 100 = 30\%$ .

**2.3** False. The greenhouse effect is not the same process as ozone depletion. A carbon footprint estimate depends on its system boundary.

**2.4** mitigation. mitigation means Actions addressing causes of environmental change.

**3.1** Absorbed inputs 180 and 144 W/m<sup>2</sup>. The first absorbs 36 more. Emission, transport and other boundary conditions are also needed for equilibrium temperatures; mitigation/adaptation judgements require additional evidence.