

4D11 2005 Answers

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1. (b) 24.3 °C 0.109 kg/s
2. (a) 0.569 W/m²K
(b) 23.1 %
3. (b) approx 4.2 % and 1.1 %
4. (a) 24
(b) 70 % 830 MJ or 230 kWh
5. (b) about 115 m² of panel, 30 m² of porous, absorbers
6. (b) possibly 10 m from source, 8 m long, 5 m high