

Worksheet: Power Play

ISC · Class 8 · Mathematics · 5 questions · 13 marks

Name: _____

Date: _____

Score: _____ / 13

Q1. Simplify: $7^3 \times 7^0$ [1 mark]

Q2. Evaluate 3^3 [1 mark]

Q3. Simplify: $(2^4 \times 2^0) \div 2^4$ [3 marks]

Q4. Express the speed of light (299,792,458 m/s) in standard form to 3 significant figures. [3 marks]

Q5. If a virus has a diameter of 1.2×10^{-7} m, and 1 cm of a microscope slide can fit viruses side by side, how many viruses fit in 1 cm? [5 marks]
