

## Quiz 02

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### 1 One cubic meter is equal to:

- a. 1 liter
- b. 10 liters
- c. 100 liters
- d. 1000 liters
- e. 10 000 liters

### 2 One joule per second is equal to:

- a. one newton-meter/second
- b. one kg/square meter
- c. one watt/second
- d. one kW
- e. 746 watts

### 3 One kilopascal is equal to:

- a. 1 kg/square m
- b. 1 kN/square m
- c. 1 bar
- d. 1 m/s
- e. 1 kW

### 4 One m<sup>3</sup> is equal to:

- a. 1000 liters
- b. 1 yard<sup>3</sup>
- c. 10 000 milliliters
- d. 10<sup>3</sup> dm
- e. 10<sup>3</sup>cm

### 5 One square meter is equal to:

- a. 1 square cm
- b. 10 square cm
- c. 100 square cm
- d. 1000 square cm
- e. 10 000 square cm

### 6 One watt is equal to:

- a. 1 joule
- b. 1 newton-meter
- c. 1 joule/second
- d. 1 ampere/second
- e. 1 newton/second

### 7 The base unit for energy in the SI system is:

- a. Nm/s
- b. N/s
- c. kgm/s
- d. Nm
- e. Nm<sup>2</sup>

**Quiz 02 Answers:**

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**1 = d, 2 = a, 3 = b, 4 = a, 5 = e, 6 = c, 7 = d**

