

Energy, force and work

Fysik - grade 7-9

Name: _____ Date: _____ Score: _____

1. Unit of force

Answer: _____

2. Formula for work

Answer: _____

3. Unit of energy

Answer: _____

4. Formula for power

Answer: _____

5. Speed of light (approx.)

Answer: _____

6. Energy form stored in food

Answer: _____

7. Earth's gravity g (approx.)

Answer: _____

8. What does a lever give?

Answer: _____

9. Unit of pressure

Answer: _____

10. What conducts electricity well: copper or plastic?

Answer: _____

11. Renewable or not: wind power

Answer: _____

12. Renewable or not: oil

Answer: _____

13. Sound travels fastest in: air, water or steel?

Answer: _____

14. What is a light-year?

Answer: _____

Energy, force and work - Answer key

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Name: _____ Date: _____ Score: _____

1. Unit of force

newton (N)

2. Formula for work

$W = F \times s$

3. Unit of energy

joule (J)

4. Formula for power

$P = W / t$

5. Speed of light (approx.)

300 000 km/s

6. Energy form stored in food

chemical energy

7. Earth's gravity g (approx.)

9.8 N/kg

8. What does a lever give?

less force, longer distance

9. Unit of pressure

pascal (Pa)

10. What conducts electricity well: copper or plastic?

copper

11. Renewable or not: wind power

renewable

12. Renewable or not: oil

not renewable

13. Sound travels fastest in: air, water or steel?

steel

14. What is a light-year?

a distance