



Energy Conversion Practice – Part 2

11. Picture: Hair dryer

- What energy conversion is happening?
- A. Electrical → Heat, Sound, and Mechanical (air movement)
 - B. Chemical → Electrical
 - C. Mechanical → Sound
 - D. Light → Heat

12. Picture: Model train going around the track.

- What energy conversion is taking place?
- A. Chemical → Mechanical
 - B. Light → Sound
 - C. Sound → Mechanical
 - D. Heat → Chemical

13. Picture: Television turned on

- What energy conversion is taking place?
- A. Electrical → Sound and Light
 - B. Light → Electrical
 - C. Mechanical → Sound
 - D. Heat → Light

14. Picture: Lightning strike

- What energy conversion is happening?
- A. Light → Heat
 - B. Electrical → Light, Sound, and Heat
 - C. Chemical → Electrical
 - D. Mechanical → Sound

15. Picture: Candle burning

- What energy conversion is taking place?
- A. Chemical → Light and Heat
 - B. Electrical → Light and Sound
 - C. Mechanical → Chemical
 - D. Light → Heat

16. Picture: Wind-up toy car

- What energy conversion is happening?
- A. Potential (elastic) → Mechanical and Sound
 - B. Chemical → Mechanical
 - C. Electrical → Kinetic
 - D. Heat → Mechanical

17. Picture: Electric fan spinning

- What energy conversion is taking place?
- A. Electrical → Mechanical and Sound
 - B. Chemical → Electrical
 - C. Heat → Mechanical
 - D. Light → Electrical

18. Picture: Light bulb (incandescent)

- What energy conversion is happening?
- A. Electrical → Light and Heat
 - B. Heat → Light
 - C. Chemical → Electrical
 - D. Mechanical → Sound

19. Picture: Hand-crank flashlight

- What energy conversion is taking place?
- A. Light → heat
 - B. Chemical → Light
 - C. Electrical → Mechanical
 - D. Mechanical → Light

20. Picture: Hydroelectric dam

- What energy conversion is happening?
- A. Heat → Sound
 - B. Electrical → Mechanical
 - C. Chemical → Kinetic
 - D. Mechanical → Electrical