Physics - Key Stage 3 - Energy

Lesson 2: Energy Stores and Pathways

Mrs Evans



Independent Practice: complete the table

	mJ	J	kJ
а	?	3	?
b	?	45	?
С	230	?	?
d	?	?	6.8



Independent Practice: answer the questions

What are the units of energy?

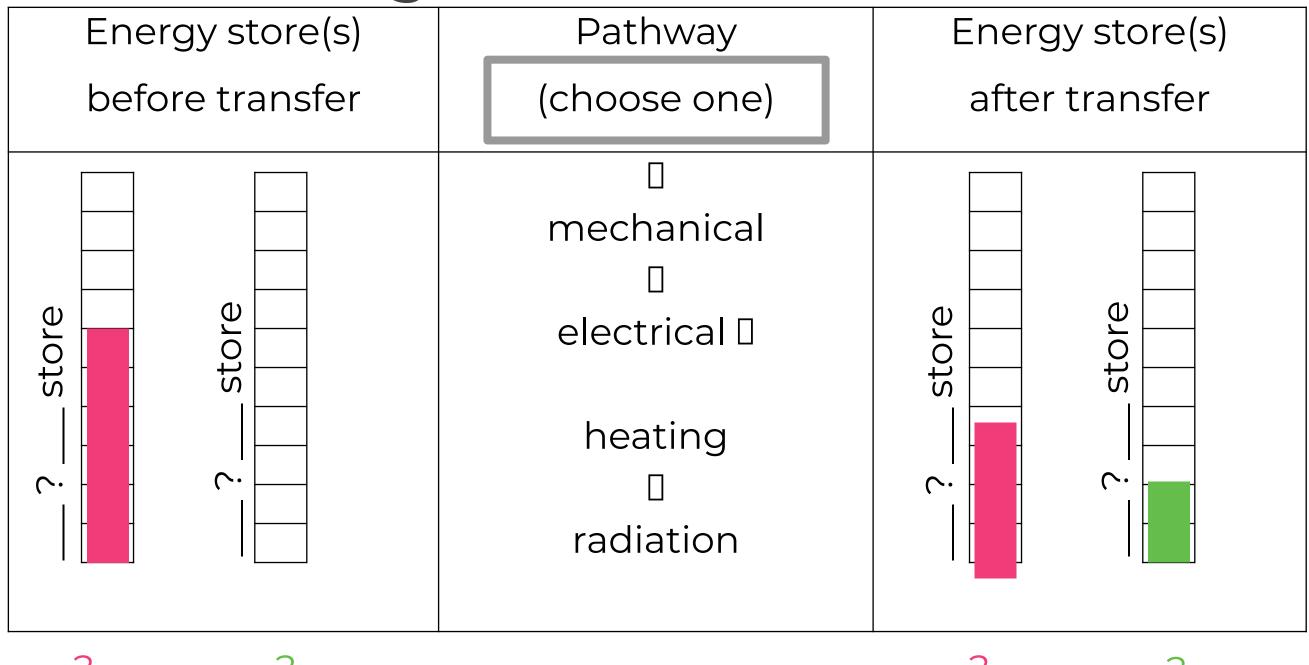
Who are the units named after?

What is 1000 J equal to?

What is the law of conservation of energy?



Independent practice: complete the gaps for stretching a rubber band



Total before: _ ? _

Total after: _ ? _



Independent practice: fill the gaps

a. A mobile phone is switched on. Energy is transferred from the _____? ____ store in the battery to the _____? ____ store of surroundings, by heating and radiation (sound and light).

elastic potential gravitational potential chemical kinetic

b. 400 J of energy is transferred. 150 J is transferred by heating, how much energy is transferred by radiation? _____? ____

