Work and Energy: Take 2

CHANGE = FINAL - INITIAL

* Energy cannot be created or destroyed. It can only change form.
* If an object gains or loses energy, that energy is transferred to or from the surroundings.
* The change in energy is called WORK

Eo + W = E

**Type One:**

1. 300J
2. 700J
3. 2800J
4. 500J
5. 690J
6. 1050.7J
7. 14 000J
8. 0J
9. 120J
10. -120J
11. 0J
12. -118J

**Type Two:**

1. 300J
2. 500J
3. 2800J
4. 500J
5. 440J
6. 1050.7J
7. 14 000J
8. 216.12J
9. 2000J
10. -2000J
11. 6J
12. 484J
13. -211.05J
14. 10J
15. -25J
16. 100J
17. 300J
18. 1100J
19. 230J
20. 3000J
21. 70.8J
22. 8.7J

**Type Three:**

1. 120J
2. 110J
3. 22708.7J
4. 2222J
5. 9.981J
6. 353.6J
7. 17J, 17J
8. -122J, -122J
9. 0J, 0J
10. 5000J, 5000J
11. -1760J, -1760J
12. -14.924J, -14.924J
13. 30 000J
14. 33 400J

**Type Four:**

1. 250J
2. 105J
3. 570J
4. 1100J
5. 1000J
6. 3000J
7. 714J
8. 15 000J
9. -1200J, -1200J
10. -2000J, -2000J
11. 3200J
12. 2000J
13. 220J
14. 205 000J, 205 000J
15. 80 000J
16. 5 100 000J
17. -1 700 000J, -1 700 000J, 1 700 000J