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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| /73 | | | | | | | | | | |
| **Physics 30 - Lesson 3A**  **Work, Energy, Power** | | | | | | | | | | |
| 1) | a) work = area of a force-distance graph  checkmark    checkmark | | | | | | | | b)    checkmark  checkmark | |
| 2) | checkmark  checkmark    checkmark  checkmark  Work is positive since the object is being raised | | | | | | | | | |
| 3) | a) up | | checkmark    checkmark  checkmark | | | | b) down | | | checkmark    checkmark  checkmark |
| 4) | checkmark | | | checkmark    checkmark    checkmark | | | | | | |
| 5) | checkmark | | | |  | | | checkmark    checkmark  checkmark | | |
|  | | | checkmark  checkmark | | |
| 6) | 100kg P  checkmark | | | | | checkmark    checkmark  checkmark  checkmark | | | | |
| 7) | A) | checkmark  checkmark    checkmark | | | | | | | | |
| B) | From diagram  checkmark    checkmark  checkmark | | | | | | | | |
| C) | Work on scaffold = work done by window washer    checkmark  checkmark | | | | | | | | |

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| --- | --- | --- | --- | --- | --- |
| **Kinetic / Potential Problems** | | | | | |
| 1) | checkmark    checkmark  checkmark | | | | |
| 2) | checkmark  checkmark    checkmark | | | | |
| 3) | checkmark    checkmark  checkmark  checkmark | | | 2830m h | |
|  |  | | |  | |
| 4) | checkmark  checkmark    checkmark  checkmark  checkmark  checkmark | | | | |
| 5) | checkmark    checkmark  checkmark | | | | |
| **Power** | | | | | |
| 1) | checkmark  Standard Unit = Watt  checkmark    checkmark | | | | |
| 2) | checkmark    checkmark  checkmark | | | | |
| 3) |  | checkmark    checkmark  checkmark  checkmark | | | |
| 4) | checkmark | | checkmark    checkmark  checkmark | |
| 5) | checkmark    checkmark  checkmark | | | | |