

GCSE REVISION BUDDY

Power with Work Done Worksheet

1. A machine does 600J of work in 30 seconds. Calculate the power of the machine.
2. An electric motor does 4000J of work in 20 seconds. Determine the power of the motor.
3. A student lifts a bag of books, doing 240J of work in 12 seconds. Calculate the power exerted.
4. A machine with a power of 80W does 160J of work. Calculate the time taken.

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5. A motorbike engine with a power of 2000W does 8000J of work. Calculate the time taken.

6. A machine with a power of 200W operates for 10 seconds. Calculate the work done.

7. An electric drill operates with a power of 1000W for 5 seconds. Determine the work done.

8. An athlete performs 1500J of work in 30 seconds during a workout. Determine the power generated by the athlete.