

MSC 1012 questions for Chapter 4 set 1

Work: ($g = 9.80 \text{ m s}^{-2}$)

NAME _____

- 1 How much energy is required for a 85.0 kg man to climb a flight of stairs that is 55.0 m high?

ANS _____

- 2) How high can one lift a 70.0 kg weigh with an energy of 3500 J?

ANS _____

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1) 45.8 kJ

2) 5.1 m