

Power and Efficiency Answers

1. a) 306.25 J b) 61.25 W

2. 864,000 J

3. 294 W

4. Helicopter A: 8.82 s

Helicopter B: 5.88 s

5. a) 30 J

b) 31.25 J

c) 104.2%

6.

a) 30 W

b) 9.19 W

c) 30.6%

7. 146 kg

8. 71,429 W