

ANSWER KEY SPEED AND EXPERIMENT

Front:

1. 4 m/s
2. 480 m/s

Back:

1. B
2. E
3. C
4. D
5. E

1. 50 m/s²
2. 20 m/s
3. 36 kg
4. 228 m
5. 6 newtons
6. 15 kg m/s
7. 78 sec
8. 12 Joules
9. 10

$$\Delta D = S \Delta T$$

$$\Delta T = \Delta S / a$$

$$S = 10 \text{ m/s}$$

$$S = 25 \text{ mi/ hr}$$

$$\Delta D = 3600 \text{ m}$$

$$S = 13.33 \text{ mi/ hr}$$