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**Exercise 6.3 Answers**

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1a.  $\mu = 73\text{cm}$ ,  $\sigma = 1.90$

1b.  $\mu = 82\text{cm}$ ,  $\sigma = 1.90$

2.  $\mu = 225\text{ seconds}$ ,  $\sigma = 6\text{ seconds}$

3.  $\mu = \$1170\text{ (3sf)}$ ,  $\sigma = \$108\text{ (3sf)}$

4a.  $\mu = 813\text{ kg}$ ,  $\sigma = 19.6\text{ kg (3sf)}$

4b.  $\mu = 466.5\text{ kg}$ ,  $\sigma = 14.4\text{ kg (3sf)}$