

## Answers to Practice Exercises for Chapter 15 – Accuracy and Estimation

### Set A - Question 5

a.  $5.7 \times 2.2 \approx 5 \times 2 = 10$

b.  $73.3 \div 9.8 \approx 70 \div 10 = 7$

c.  $2\,300 \times 48.2 \approx 2\,000 \times 50 = 100\,000$

d.  $0.0337 \times 0.044 \approx 0.03 \times 0.04 = 0.0012$

e.  $1 \div 0.548 \approx 1 \div 0.5 = 10 \div 5 = 2$

f.  $0.0284 \times 245 \approx 0.02 \times 200 = 4.00 = 4$

g.  $45\,629 \times 3\,340 \approx 50\,000 \times 3\,000 = 150\,000\,000$

h.  $4.707 \div 1.04 \approx 5 \div 1 = 5$

i.  $330 \times 9.8 \approx 300 \times 10 = 3\,000$

j.  $23 \div 0.16 \approx 20 \div 0.2 = 200 \div 2 = 100$