

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

### Set A - Question 3

- a. 0.3327 to 2dp is between 0.33 and 0.34. The remaining digits, 27, make it closer to 0.33.
- b. 2.445 to 1dp is between 2.4 and 2.5. The remaining digits, 45, make it closer to 2.4.
- c. 0.0037189 to 3dp is between 0.003 and 0.004. The remaining digits, 7189, make it closer to 0.004.
- d. 0.0037189 to 3sf is between 0.00371 and 0.00372. The remaining digits, 89, make it closer to 0.00372.
- e. 0.0037189 to 2dp is between 0.00 and 0.01. The remaining digits, 37189, make it closer to 0.00.