

## \* 2.3. Rounding to the nearest 10 and 100

(a) Round these numbers to the nearest 10.

|     |     |     |     |     |
|-----|-----|-----|-----|-----|
| 23  | 335 | 43  | 29  | 45  |
| 178 | 87  | 646 | 113 | 65  |
| 92  | 169 | 39  | 425 | 72  |
| 216 | 31  | 184 | 34  | 317 |
| 48  | 558 | 237 | 361 | 198 |

(b) Now round your new numbers to the nearest 100.

Round each length to the nearest 100 cm.

|        |        |        |
|--------|--------|--------|
| 78 cm  | 145 cm | 234 cm |
| 319 cm | 187 cm | 264 cm |

Which amounts did you round up?

Round each weight to the nearest 10 g.

|      |      |      |
|------|------|------|
| 37 g | 49 g | 21 g |
| 75 g | 84 g | 56 g |

Which amounts did you round down?

Round each number to the nearest 10.

|     |     |     |
|-----|-----|-----|
| 84  | 121 | 68  |
| 248 | 43  | 103 |

Round each amount to the nearest 100 ml.

|        |        |        |
|--------|--------|--------|
| 45 ml  | 82 ml  | 175 ml |
| 121 ml | 193 ml | 64 ml  |

Look and learn

Round to the nearest:  
To round to the nearest hundred, look at the tens digit and if it is

|   |   |   |
|---|---|---|
| H | T | U |
| 8 | ? | 0 |

- ◆  $< 5$ , round down ↓
- ◆  $= 5$  or  $> 5$ , round up ↑

|   |   |   |
|---|---|---|
| H | T | U |
| 8 | 3 | 0 |

830 to the nearest hundred is 800

|   |   |   |
|---|---|---|
| H | T | U |
|   | 4 | 8 |

48 to the nearest ten, is 50.

Rounding numbers makes them easier to use.