Rounding off

Sometimes a number will have more decimal places than we need.

In this case we can round it off using the rule:
• if the next digit is 5 or above, round up
• if it is 4 or below, don’t round up.

1. \( 1.47532 \) to 2 decimal places
   \[
   = 1.48
   \]
   This number is 5 so increase the 7 by 1

2. \( 14.86476 \) to 1 decimal place
   \[
   = 14.8
   \]

3. \( 14.8496 \) to 3 decimal places
   \[
   = 14.850
   \]
   We round the 9 up to 10, so we carry 1 onto the 4