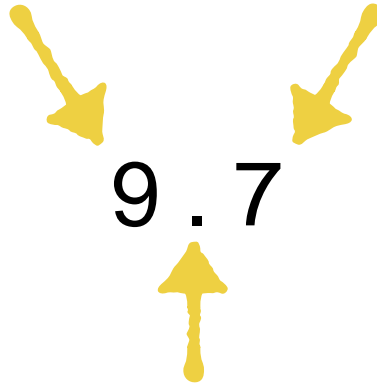


Rounding Decimal Numbers

Whole Number

Decimal Number



Decimal Point

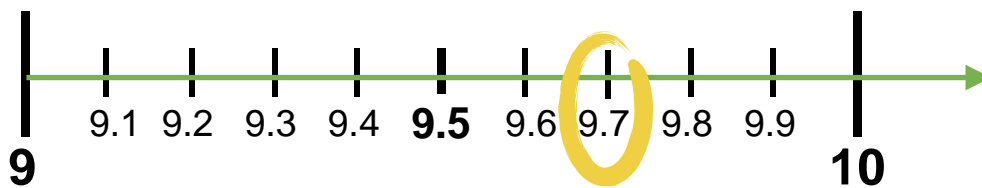
Rounding decimal numbers can made maths easier

$$9.7 \times 2 = ?$$

Round the 9.7 up to 10

We rounded the 9.7 to the nearest whole number.

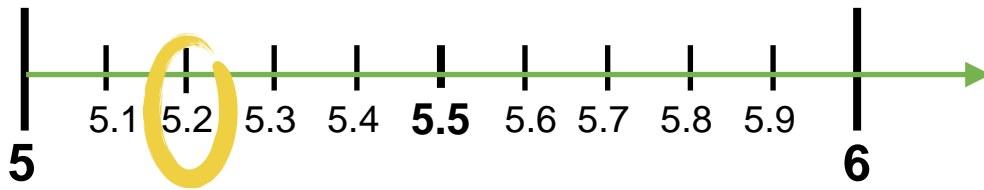
$$10 \times 2 = 20$$



Round 9.7 up to 10

Rounding rule
0 to 4 round down.
5 to 9 round up

5.2 is closer to 5 than 6



Round 5.2 down to 5

3.5 is half way between 3 and 4



Round 3.5 up to 4

If there is more than one decimal number, use the closest number to round.

Round **3.248657** to the nearest whole number


Use the closest number to round



3 . 2 4 8 6 5 7

3

Round GPS Coordinates to one Decimal minute to plot on a Chart.



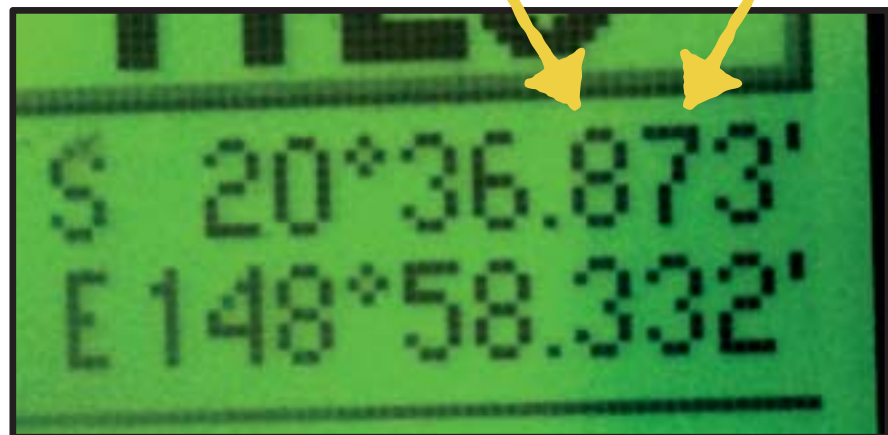
Chartwork

S 18° 51.6'
E 121° 16.8'

Plot GPS Position

One Decimal Place

Use the closest number to round



S 20° 36.873'

S 20° 36.9'

Round up using the 7

Round decimal hours can to two decimal places

Two Decimal Place

Round down using the 3

1. 6833333 hours

1. 68 hours

With fuel always round up
Take more than you need