

2.2: Adding Real Numbers

Goals: *Add numbers with same signs

*Add numbers with different signs

Same Signs:

1. **Ex:** $-7 + (-10)$

2. **Ex:** $-11.5 + (-2.7)$

Different Signs:

1. **Ex:** $-21 + 6$

2. **Ex:** $-12.6 + 7.3$

Ex: The table shows how much weight two dieters lost or gained per month.

- Find the total amount of weight lost by each dieter.
- Which dieter had the greater weight loss at the end of three months?

Month	Dieter A	Dieter B
1	-3.3	-7.8
2	-5.1	1.2
3	0.5	-0.8

Ex: The table below shows the profits of two piano companies over the course of 3 years. (Positive profit means the company made money, while a negative profit means the company lost money)

- Find the profits for both companies, then decide which piano manufacturer had the greatest profits after 3 years?
- How much more money did this company make?

Year	A	B
1	-5.8	-6.5
2	8.7	7.9
3	6.8	8.2