Combining Integers

Get rid of **double signs** first, then combine the integers.

Double signs are: + + = +
– – = +
+ – = –
– + = –

- When combining integers with **different signs**, _____ and keep the _____ of the _____ with the _____ absolute value.

- When combining integers with **same signs**, _____ and keep the _____ of the _____ with the _____ absolute value.

Multiply or **divide** the integers, if:
- the integers have the **same signs**, then the answer is positive
- the integers have **different signs**, then the answer is _____

Examples of double signs:

Ex1: –6 + (+3)

Ex2. –6 – (–3)

Ex3: –6 + (–3)

Ex4. –6 – (+3)

Combine the integers.

1.) –6 + 8	2.) 7 + (–9)	3.) –3 + (–4)
4.) 3^2 – (–2)	5.) 16 + (–5)	6.) 10 + (–6)
7.) (–14) – (–12)	8.) 28 – (–10)	9.) –17 – 5
10.) (–23) + (–36)	11.) 15 – (–18)	12.) –48 + 21

Evaluate each expression.

13.) –7(–8)	14.) $\frac{-100}{-4}$	15.) (6)(–9)
16.) -4^2 + (–6)	17.) $\frac{-24}{4}$	18.) $\frac{-5(8)}{-2}$