

1.3 - Adding and Subtracting Integers

Rules for Combining Integers

Same Signs:

- Add the Numbers
 - Sign stays the same
- Different Signs:
- Subtract the Numbers
 - Bigger Number's sign wins

Combine these integers.

$$2 + 4 = 6$$

$$6 + 2 = 8$$

$$4 + (-3) = 1$$

$$9 + (-6) = 3$$

$$-5 + 2 = -3$$

$$-6 + 4 = -2$$

$$-4 + (-1) = -5$$

$$-4 - 1$$

$$-3 + (-4) = -7$$

$$-3 - 4$$

$$2 - (-4) = 6$$

$$2 + 4$$

$$6 - (-2) = 8$$

$$6 + 2$$

$$4 - 3 = 1$$

$$9 - 6 = 3$$

$$-5 - (-2) = -3$$

$$-5 + 2$$

$$-6 - (-4) = -2$$

$$-6 + 4$$

$$-4 - 1 = -5$$

$$-3 - 4 = -7$$

$$1. -4 + 8 = 4$$

$$2. -9 + (-7) = -16$$

$$-9 - 7$$

$$3. 3 + (-10) = -7$$

$$3 - 10$$

$$4. 0 - 6 = -6$$

$$5. -12 - 13 = -25$$

$$6. 7 - 25 = -18$$

$$7. -8 - [3 - (-10)] = -21$$

$$-8 - [3 + 10]$$

$$-8 - 13$$

$$8. -6 - (-10) = 4$$

$$-6 + 10$$

$$9. 11 - (-8) - [5 - (-4)] =$$

$$11 + 8 - [5 + 4] =$$

$$11 + 8 - 9 =$$

$$19 - 9 = 10$$

$$10. 9.5 + (2.3) + (8.7) =$$

$$20.5$$

$$11. \frac{3}{4} + \frac{1}{4} - 5 =$$

$$12. -12 - 34 + 1 - 8 + 20 =$$

$$-46 + 1 - 8 + 20 =$$

$$-45 - 8 + 20 =$$

$$-53 + 20 = -33$$

$$13. (33 - 24) - (-8 + 13) =$$

$$9 - 5 = 4$$

$$14. -|-7 - 5| - 3|-2 + 1| =$$

$$-|-12| - 3|-1| =$$

$$-1 \cdot 12 - 3 \cdot 1 =$$

$$-12 - 3 = -15$$

$$15. 5|2 - 5| - 2|-6 - 5| =$$

$$5|-3| - 2|-11| =$$

$$5 \cdot 3 - 2 \cdot 11 =$$

$$15 - 22 = -7$$