

Integer Operations

INT1

Adding/Subtracting Integers

Remember the rules

Adding:

- When the signs are the **same**, _____ and _____ the sign.
- When the signs are **different**, _____ and take the sign of the _____ absolute value (which you have more of).

Subtracting:

- _____ the _____! _____ the _____!
- Follow the _____ rules.

Now try these:

- | | | |
|-------------------|--------------------|------------------------|
| 1. $(-23) + 67$ | 2. $(-21) + (-53)$ | 3. $(-2) + (-5) + (2)$ |
| 4. $16 + (-39)$ | 5. $(-90) - (-30)$ | 6. $42 - 82$ |
| 7. $(-33) - (20)$ | 8. $(20) - (-33)$ | 9. $-7 - (-12)$ |

Multiplication/Division

Remember the rules

Multiplying/Dividing:

- First _____ or _____ all the numbers; then _____ how many negative signs are in the problem.
- If there is an _____ number of negative signs, the answer will be **positive**; and if there is an _____ number of negative signs, the answer will be **negative**.

Now try these:

10. $(8)(-1)(-1)(-7)$

11. $(-2)(2)(2)(1)(1)(1)(-1)$

12. $(-6.5) \cdot (-2)$

13. $(-4) \cdot (-3) \cdot (-2) \cdot (1)$

14. $200 \div -2 \cdot 5$

15. $-3(20)$

16. $\frac{-42}{-7}$

17. $\frac{100 \cdot 4}{-2}$