

Multiplying/Dividing Numbers Different Sign Integers

Rule 6: When multiplying or dividing numbers with different signs, the answer is negative.

Example:

Simplify $-3(+8)$.

$$-3(+8) = -24.$$

Simplify the following.

1. $(-4)(+8)$

2. $(-2)(+11)$

3. $+4(-7)$

4. $-9(3)$

5. $(-14)(+2)$

6. $(10)(-3)$

7. $20(-5)$

8. $-6(+10)$

9. $2(-8)$

10. $(-2)(+9)$

11. $11(-5)$

12. $-4(25)$

13. $(-42)/6$

14. $(35)/(-7)$

15. $80/(-10)$