

Multiplying/Dividing Same Signs Integers

Rule 5: When multiplying numbers with the same sign, the answer is positive.

Example:

Simplify $-2(-15)$.
 $-2(-15) = 30$.

Hint: As with all rules in math, these rules work for binary operations, that is 2 numbers at a time

Simplify the following.

1. $(+5)(+8)$

2. $(-2)(-9)$

3. $-24 / (-6)$

4. $-9(-2)$

5. $(-14)(-1)$

6. $(11)(3)$

7. $-30 / (-5)$

8. $+70 \div (+10)$

9. $-2(-7)$

10. $(+8)(+9)$

11. $-1(-5)$

12. $5(12)$

13. $(-8)(-2)(10)$

14. $(-5)(-2)(8)$

15. $-24 / (-6)$

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Example:

Simplify $-2(-15)$.

$$-2(-15) = + 30.$$

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Simplify the following.

1. 4×3

2. 11×10

3. -6×-12

4. $-35 \div -7$

5. $-7 \div -7$

6. 9×12

7. $24 \div 6$

8. 6×6

9. $-4 \div -4$

10. -10×-7

11. $-96 \div -12$

12. 2×6

13. $24 \div 6$

14. -8×-3

15. -3×-2

16. -2×-2

17. $-80 \div -10$

18. $-72 \div -8$

19. 9×7

20. -7×-7

21. $45 \div 5$

22. -1×-4

23. -4×-10

24. $21 \div 7$

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Simplify the following.

1. $2 \div 1$

2. $10 \div 10$

3. $18 \div 6$

4. $45 \div 5$

5. $-16 \div -2$

6. $-18 \div -9$

7. 2×8

8. $9 \div 9$

9. -3×-10

10. $-20 \div -4$

11. $-20 \div -2$

12. $-40 \div -10$

13. $-36 \div -12$

14. -11×-7

15. 10×5

16. $-66 \div -11$

17. $12 \div 12$

18. 6×1

19. -10×-9

20. 6×7

21. $-64 \div -8$

22. $48 \div 8$

23. -11×-7

24. $9 \div 3$

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Simplify $-2(-15)$.

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Simplify the following.

1. $16 \div 4$

2. 1×11

3. 10×11

4. -2×-10

5. 4×12

6. $33 \div 11$

7. -9×-2

8. $-8 \div -2$

9. $99 \div 9$

10. $96 \div 8$

11. $20 \div 5$

12. $-9 \div -1$

13. -12×-3

14. $-84 \div -7$

15. $72 \div 8$

16. -1×-8

17. -8×-9

18. $22 \div 2$

19. $32 \div 4$

20. 11×4

21. $70 \div 10$

22. 8×9

23. $48 \div 4$

24. 8×3