

ADDING INTEGERS

Addition

- Rule 1:** Two positive numbers, take the sum of their absolute values, the answer is positive.
- Rule 2:** Two negative numbers, take the sum of their absolute values, the answer is negative.
- Rule 3:** One positive, one negative, take the difference between their absolute values, use the sign of the number with the greater absolute value.

Example: $+5 + (-12)$ Rule 3
 $+5 + (-12) = -7$

Add, before doing each, identify the rule to be used.

1. $-6 + 9$

2. $5 + (-11)$

3. $8 + 9$

4. $-3 + (-7)$

5. $-5 + (-9)$

6. $4 + (-11)$

7. $-9 + 20$

8. $8 + 3$

9. $-11 + (-12)$

10. $-5 + 13$

11. $4 + (-12)$

12. $9 + 15$

13. $-7 + (-6)$

14. $-8 + 14$

15. $7 + 9$

16. $-4 + (-5)$

17. $8 + (-2)$

18. $-6 + 11$

19. $-2 + (-17)$

20. $5 + 14$

21. $-14 + 18$

22. $42 + (-8)$

23. $-33 + 17$

24. $53 + 27$

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Add, before doing each, identify the rule to be used – R1, R2, or R3.

1. $-19 - 26$

2. $24 - 4$

3. $-10 - 16$

4. $-12 - 15$

5. $23 - 25$

6. $-9 - 2 + 10$

7. $-15 - 26$

8. $-23 - 17$

9. $22 - 20 - 20$

10. $-14 - 11 - 12$

11. $7 - 1$

12. $3 + 19 - 18$

13. $15 - 18$

14. $6 - 27$

15. $7 - 14$

16. $10 - 18$

17. $5 - 17$

18. $-16 - 19$

19. $-2 + 5 - 22$

20. $-10 + 1 + 6$

21. $24 + 16 - 27$

22. $-10 - 5 + 15$

23. $-8 - 2$

24. $4 - 17$

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1. $10 + 21 + 26$

2. $22 + 7 - 27$

3. $13 + 15 - 21$

4. $-18 - 24 - 8$

5. $-16 - 25$

6. $29 - 19$

7. $29 - 2$

8. $13 - 26$

9. $7 - 4$

10. $4 - 30$

11. $6 + 14 + 10$

12. $14 - 7$

13. $8 - 25$

14. $23 - 24$

15. $-24 - 21$

16. $1 - 21$

17. $27 - 1$

18. $-9 - 20$

19. $28 - 10$

20. $6 - 21$

21. $21 - 26$

22. $-18 - 28$

23. $-8 + 1 - 13$

24. $-24 - 2$

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1. $-9 - 1$

2. $13 - 23$

3. $-9 - 29$

4. $-17 - 20 + 11$

5. $6 - 25$

6. $30 - 12$

7. $-29 + 19 + 6$

8. $17 - 25 - 13$

9. $-25 - 24 + 19$

10. $-21 - 19$

11. $22 - 29 - 4$

12. $22 - 23$

13. $-3 - 28$

14. $5 - 4$

15. $13 - 21$

16. $4 - 8$

17. $-12 - 25 + 15$

18. $20 - 5 - 5$

19. $-13 + 29 + 7$

20. $13 + 10 + 24$

21. $2 - 9$

22. $-14 - 26 - 13$

23. $-19 - 27$

24. $-12 - 23$