

Integer Addition

Set out. Same signs combine and keep the sign. Different signs find the difference and keep the sign of the number farther from zero.

SEE ONE

$$1 + -6 = -5$$

Same signs combine and keep the sign. Different signs find the difference and keep the sign of the number farther from zero.

$$1 + -6 = -5$$

TRY THE TRAIL

1

Look at both signs.

2

Combine or find the difference.

3

Choose the correct sign.

Notice this: A plus sign between numbers does not make a negative number positive.

Ready? Flip the page and use the same move on each problem.



Integer Addition

Do: Solve each problem. Use the picture or place-value setup when it is shown.

1

$$-11 + -13 = \underline{\hspace{2cm}}$$

2

$$-14 + 14 = \underline{\hspace{2cm}}$$

3

$$16 + -19 = \underline{\hspace{2cm}}$$

4

$$4 + -7 = \underline{\hspace{2cm}}$$

5

$$-12 + 17 = \underline{\hspace{2cm}}$$

6

$$-4 + -1 = \underline{\hspace{2cm}}$$

CHECK YOUR TRAIL SENSE

Try this one without help.

$$-6 + 2 = \underline{\hspace{2cm}}$$

One careful line at a time. Accuracy comes before speed.

For the grown-up: Are the signs the same or different? That decides whether you combine or find a difference. Keep the answers on the separate key page.



Integer Addition

Keep going: Complete all 24. Work straight down each column.

1

$13 + -20 = \underline{\hspace{2cm}}$

2

$-13 + 9 = \underline{\hspace{2cm}}$

3

$-14 + 16 = \underline{\hspace{2cm}}$

4

$12 + -9 = \underline{\hspace{2cm}}$

5

$18 + -14 = \underline{\hspace{2cm}}$

6

$1 + -3 = \underline{\hspace{2cm}}$

7

$13 + -14 = \underline{\hspace{2cm}}$

8

$11 + -20 = \underline{\hspace{2cm}}$

9

$16 + -16 = \underline{\hspace{2cm}}$

10

$-17 + -18 = \underline{\hspace{2cm}}$

11

$-10 + -1 = \underline{\hspace{2cm}}$

12

$-20 + -20 = \underline{\hspace{2cm}}$

13

$10 + -20 = \underline{\hspace{2cm}}$

14

$-7 + -6 = \underline{\hspace{2cm}}$

15

$5 + -17 = \underline{\hspace{2cm}}$

16

$-12 + -20 = \underline{\hspace{2cm}}$

17

$-12 + -17 = \underline{\hspace{2cm}}$

18

$-2 + -17 = \underline{\hspace{2cm}}$

19

$-8 + 13 = \underline{\hspace{2cm}}$

20

$-6 + 4 = \underline{\hspace{2cm}}$

21

$11 + -16 = \underline{\hspace{2cm}}$

22

$20 + -17 = \underline{\hspace{2cm}}$

23

$6 + -10 = \underline{\hspace{2cm}}$

24

$13 + -17 = \underline{\hspace{2cm}}$

Steady repetition makes the next problem feel familiar.



Integer Addition

Outcome: Your child can add positive and negative integers.

Readiness: Start here if your child can compare positive and negative numbers on a number line.

GUIDED PAGE ANSWERS

1. -24 2. 0 3. -3 4. -3 5. 5 6. -5 Check. -4

PRACTICE PAGE ANSWERS

1. -7 2. -4 3. 2 4. 3 5. 4 6. -2 7. -1 8. -9
9. 0 10. -35 11. -11 12. -40 13. -10 14. -13 15. -12 16. -32
17. -29 18. -19 19. 5 20. -2 21. -5 22. 3 23. -4 24. -4

WATCH FOR

Your child ignores the signs and adds both magnitudes every time.

SAY THIS

“Are the signs the same or different? That decides whether you combine or find a difference.”

NEXT USEFUL TRAIL

Missing-Addend Equations

Recipe addition.integer-addition.b.v1 · Seed 24009



More free math:
<https://madeforhomeschool.com/math/pages/integer-addition>