

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

$$1 + -18 = -17$$

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

$$1 + -18 = -17$$

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

$$11 + -3 = \underline{\hspace{2cm}}$$

2

$$10 + -9 = \underline{\hspace{2cm}}$$

3

$$14 + -8 = \underline{\hspace{2cm}}$$

4

$$11 + -8 = \underline{\hspace{2cm}}$$

5

$$15 + -9 = \underline{\hspace{2cm}}$$

6

$$7 + -3 = \underline{\hspace{2cm}}$$

CHECK YOUR TRAIL SENSE

Try this one without help.

$$-19 + -12 = \underline{\hspace{2cm}}$$

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

$1 + -14 = \underline{\hspace{2cm}}$

2

$-17 + -6 = \underline{\hspace{2cm}}$

3

$-13 + 6 = \underline{\hspace{2cm}}$

4

$9 + -10 = \underline{\hspace{2cm}}$

5

$3 + -11 = \underline{\hspace{2cm}}$

6

$-19 + 10 = \underline{\hspace{2cm}}$

7

$-14 + -6 = \underline{\hspace{2cm}}$

8

$-20 + 5 = \underline{\hspace{2cm}}$

9

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

10

$-12 + -19 = \underline{\hspace{2cm}}$

11

$17 + -10 = \underline{\hspace{2cm}}$

12

$15 + -19 = \underline{\hspace{2cm}}$

13

$-19 + -20 = \underline{\hspace{2cm}}$

14

$13 + -10 = \underline{\hspace{2cm}}$

15

$-16 + 20 = \underline{\hspace{2cm}}$

16

$10 + -8 = \underline{\hspace{2cm}}$

17

$-9 + -15 = \underline{\hspace{2cm}}$

18

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

19

$-13 + -4 = \underline{\hspace{2cm}}$

20

$10 + -14 = \underline{\hspace{2cm}}$

21

$-14 + -1 = \underline{\hspace{2cm}}$

22

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

23

$-19 + 4 = \underline{\hspace{2cm}}$

24

$-19 + 15 = \underline{\hspace{2cm}}$

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. 8 2. 1 3. 6 4. 3 5. 6 6. 4 Check. -31

PRACTICE PAGE ANSWERS

1. -13 2. -23 3. -7 4. -1 5. -8 6. -9 7. -20 8. -15
9. -8 10. -31 11. 7 12. -4 13. -39 14. 3 15. 4 16. 2
17. -24 18. 12 19. -17 20. -4 21. -15 22. -16 23. -15 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.c.v1 · Seed 25027



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