

CYU 1.5 Adding Real Numbers DAY ONE

Use when you get it right all by yourself

S Use when you did it all by yourself, but made a silly mistake

H Use when you could do it alone with a little help from teacher or peer

G Use when you completed the problem in a group

X Use when a question was attempted but wrong (get help)

N Use when a question was not even attempted

CONCEPTS	BASIC	INTERMEDIATE	ADVANCED
Adding fractions	18	19, 20	
Adding decimals	14, 17		29, 30
Adding real numbers, common sign	2, 5, 6, 13	22,	28
Adding real numbers, different sign	1, 3, 4, 7 - 12	15, 16, 21, 23, 25	24, 26, 27
Absolute value	15	24	28

Perform the indicated operation. **Show work or thought process to earn full credit.** You can check on the calculator or the website answer key.

1. $-6 + 3 = -3$

8. $10 + (-3) = 7$

2. $-6 + (-8) = -14$

9. $5 + (-7) = -2$

3. $8 + (-7) = 1$

10. $-16 + 16 = 0$

4. $-14 + 2 = -12$

11. $27 + (-46) = -19$

5. $-2 + (-3) = -5$

12. $-18 + 49 = 31$

6. $-9 + (-3) = -12$

13. $-33 + (-14) = -47$

7. $-7 + 3 = -4$

14. $6.3 + (-8.4) = -2.1$

$15. |-8| + (-16) \quad -8$

$24. |5 + (-10)| \quad 5$

$16. 117 + (-79) \quad 38$

$25. 6 + (-4) + 9 \quad 11$

$17. -9.6 + (-3.5) \quad -13.1$

$18. -\frac{3}{8} + \frac{5}{8} = \frac{2}{8} = \boxed{\frac{1}{4}}$

$26. [-17 + (-4)] + [-12 + 15] \quad -18$

$19. -\frac{7}{16} + \frac{1}{4} = -\frac{3}{16}$

$27. [-2 + (-7)] + [-11 + 22] \quad 2$

$20. -\frac{7}{10} + \left(-\frac{3}{5}\right) \quad -\frac{13}{10}$

$28. |9 + (-12)| + |-16| \quad 19$

$21. -15 + 9 + (-2) \quad -8$

$29. -1.3 + [0.5 + (-0.3) + 0.4] \quad -0.7$

$22. -21 + (-16) + (-22) \quad -59$

$23. -23 + 16 + (-2) \quad -9$

$30. -3.7 + [0.1 + (-0.6) + 8.1] \quad 3.9$

CYU Reflection: How far can you go: basic, intermediate, or advanced?

Rate your mastery level!

How confident are you with the skills this CYU covered? Circle the score you would give yourself.

