Adding and subtracting integers

Watch the sign. To subtract, add the opposite; then add.

Name _____ Date _____



1. $-16 + 16 =$

2. $-1 + 7 =$

3. $-20 + (-8) =$

4. $11 + (-16) =$

5. $-15 - (-11) =$

6. $-10 - 13 =$

7. $18 - (-3) =$

8. $2 + (-17) =$

9. $15 - 19 =$

10. $-7 - (-2) =$

11. $-19 - (-19) =$

12. $1 - 8 =$

13. $-2 + (-5) =$

14. $-1 + 9 =$

15. $-2 + 2 =$

16. $-15 - 5 =$

17. $-1 - (-12) =$

18. $6 + (-7) =$

19. $2 - (-19) =$

20. $-9 + 3 =$

Adding and subtracting integers: answer key

Each answer in colour, with the working before it.

1. $-16 + 16 = 0$
2. $-1 + 7 = 7 - 1 = 6$
3. $-20 + (-8) = -(20 + 8) = -28$
4. $11 + (-16) = -(16 - 11) = -5$
5. $-15 - (-11) = -15 + 11 = -4$
6. $-10 - 13 = -10 + (-13) = -23$
7. $18 - (-3) = 18 + 3 = 21$
8. $2 + (-17) = -(17 - 2) = -15$
9. $15 - 19 = 15 + (-19) = -4$
10. $-7 - (-2) = -7 + 2 = -5$
11. $-19 - (-19) = -19 + 19 = 0$
12. $1 - 8 = 1 + (-8) = -7$
13. $-2 + (-5) = -(2 + 5) = -7$
14. $-1 + 9 = 9 - 1 = 8$
15. $-2 + 2 = 0$
16. $-15 - 5 = -15 + (-5) = -20$
17. $-1 - (-12) = -1 + 12 = 11$
18. $6 + (-7) = -(7 - 6) = -1$
19. $2 - (-19) = 2 + 19 = 21$
20. $-9 + 3 = -(9 - 3) = -6$