Adding integers

Same signs: add the sizes and keep the sign. Different signs: subtract the sizes, take the larger one's sign.

Name _____ Date _____



1. $-9 + (-5) =$

2. $5 + (-4) =$

3. $17 + (-3) =$

4. $1 + (-3) =$

5. $-20 + 1 =$

6. $20 + (-12) =$

7. $-2 + 0 =$

8. $-9 + (-12) =$

9. $-11 + 2 =$

10. $-16 + 16 =$

11. $11 + (-14) =$

12. $18 + (-14) =$

13. $-5 + (-3) =$

14. $0 + (-20) =$

15. $-3 + 6 =$

16. $14 + (-14) =$

17. $-7 + 18 =$

18. $-14 + (-11) =$

19. $1 + (-18) =$

20. $-16 + 2 =$

Adding integers: answer key

Each answer in colour, with the working before it.

1. $-9 + (-5) = -(9 + 5) = -14$
2. $5 + (-4) = 5 - 4 = 1$
3. $17 + (-3) = 17 - 3 = 14$
4. $1 + (-3) = -(3 - 1) = -2$
5. $-20 + 1 = -(20 - 1) = -19$
6. $20 + (-12) = 20 - 12 = 8$
7. $-2 + 0 = -2$
8. $-9 + (-12) = -(9 + 12) = -21$
9. $-11 + 2 = -(11 - 2) = -9$
10. $-16 + 16 = 0$
11. $11 + (-14) = -(14 - 11) = -3$
12. $18 + (-14) = 18 - 14 = 4$
13. $-5 + (-3) = -(5 + 3) = -8$
14. $0 + (-20) = -20$
15. $-3 + 6 = 6 - 3 = 3$
16. $14 + (-14) = 0$
17. $-7 + 18 = 18 - 7 = 11$
18. $-14 + (-11) = -(14 + 11) = -25$
19. $1 + (-18) = -(18 - 1) = -17$
20. $-16 + 2 = -(16 - 2) = -14$