Adding, subtracting, multiplying and dividing integers

Watch the operation and the signs. To subtract, add the opposite.

Name _____ Date _____

1. $-4 + 4 =$
2. $6 - 7 =$
3. $10 \times (-7) =$
4. $-11 - 9 =$
5. $-11 + (-2) =$
6. $-10 + 6 =$
7. $-5 \times (-3) =$
8. $-40 \div (-5) =$
9. $20 \div (-10) =$
10. $18 - (-2) =$
11. $-3 + 3 =$
12. $-8 - (-8) =$
13. $2 + (-16) =$
14. $-72 \div (-6) =$
15. $-8 \times (-11) =$
16. $-1 - 12 =$
17. $-15 + (-6) =$
18. $144 \div (-12) =$
19. $17 - 20 =$
20. $8 \times (-5) =$

Adding, subtracting, multiplying and dividing integers: answer key

Each answer in colour, with the working before it.

1. $-4 + 4 = 0$
2. $6 - 7 = 6 + (-7) = -1$
3. $10 \times (-7) = -(10 \times 7) = -70$
4. $-11 - 9 = -11 + (-9) = -20$
5. $-11 + (-2) = -(11 + 2) = -13$
6. $-10 + 6 = -(10 - 6) = -4$
7. $-5 \times (-3) = 5 \times 3 = 15$
8. $-40 \div (-5) = 40 \div 5 = 8$
9. $20 \div (-10) = -(20 \div 10) = -2$
10. $18 - (-2) = 18 + 2 = 20$
11. $-3 + 3 = 0$
12. $-8 - (-8) = -8 + 8 = 0$
13. $2 + (-16) = -(16 - 2) = -14$
14. $-72 \div (-6) = 72 \div 6 = 12$
15. $-8 \times (-11) = 8 \times 11 = 88$
16. $-1 - 12 = -1 + (-12) = -13$
17. $-15 + (-6) = -(15 + 6) = -21$
18. $144 \div (-12) = -(144 \div 12) = -12$
19. $17 - 20 = 17 + (-20) = -3$
20. $8 \times (-5) = -(8 \times 5) = -40$