

Name:

Date:

1. What happens when you add zero to any number?
2. Zero is called the “additive identity”. Why do you think mathematicians call it that?
3. What happens when you multiply any number by one?
4. One is called the “multiplicative identity”. Why do you think mathematicians call it that?
5. Is there a “subtractive identity” (an identity for subtraction)? If so, **what is it and why?**
6. Is there a “divicative identity” (an identity for division)? If so, **what is it and why?**

A Worksheet Slightly Harder Than The World's Easiest Math Worksheet

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Section II: Write the appropriate number in the blank so that the equation is true.

1. $9 + \quad = 0$

12. $3 * \quad = 1$

2. $1 + \quad = 0$

13. $-2 * \quad = 1$

3. $-3 + \quad = 0$

14. $\frac{7}{9} * \quad = 1$

4. $\frac{1}{4} + \quad = 0$

15. $\pi * \quad = 1$

5. $\pi + \quad = 0$

16. $\quad * 7 = 1$

6. $-12.4 + \quad = 0$

17. $\quad * 8 = 1$

7. $\quad + 4 = 0$

18. $\quad * \frac{5}{3} = 1$

8. $\quad + (-11) = 0$

19. $\quad * (-3) = 1$

9. $\quad + 7 = 0$

20. $\quad * -\frac{4}{3} = 1$

10. $\quad + (-\sqrt{5}) = 0$

11. $9 * \quad = 1$