

Math 9 Assignment 1: BEDMAS Operations

Name: _____

1. $\frac{3}{5} - \frac{2}{3}$

2. $2 + \frac{3}{7}$

3. $5\frac{4}{5} = \frac{a}{b}$

4. 3.2×5.1

5. $\frac{3}{4} \cdot \frac{3}{5}$

6. $3 \times \frac{4}{7}$

7. $\frac{3}{4} \div \frac{5}{4}$

8. $3 \div \frac{4}{5}$

9. $1 - 3 \times 5 + 2$

10. $\frac{0}{3}$

11. $\frac{24}{4 \times 6}$

12. $2^3 - 4(3 - 5)^2$

13. 305×89

14. 12.4×2.03

15. -5^2

16. $-(-7)^2$

17. $(-1)^{2024}$

18. $-4(-5)$

19. $2\frac{3}{5} + \frac{2}{3} - 4$

20. $\frac{3/5}{2/3}$

21. $8 \div 4(1 + 1)$

22. $(\frac{2}{5})^2$

23. $\sqrt{\frac{100}{9}}$

24. $-3(2 - \frac{1}{2})$

25. $\sqrt{0.09}$

26. $\sqrt{-9}$

27. $\sqrt{9} + \sqrt[3]{-125}$

28. $\frac{250}{3}$

a. As a mixed fraction

b. As a decimal number

c. As a percent

29. $\frac{114490}{17}$ as a decimal number

30. Simplify as a fraction $0.\overline{6} - (2 + 1.\overline{3})$

31. Round to the nearest hundred: \$115726

32. Simplify $\frac{5.12}{0.4}$ in the form $\frac{a}{b}$

33. $\frac{16 \div 4}{\frac{2}{5}}$

34. $-\frac{2}{3} \div \frac{2}{5} - \left(\frac{2}{3} \times -\frac{3}{2}\right)$

35. $(-3^2)^3 - (-1)^{20} \div \frac{4}{5}$

36. $2(1 - 3) - \frac{(-5)^2}{-5^2}(1 - (2 - 5))$

37. $2\frac{1}{2}\%$ of 1 trillion?

38. Challenge:

a. Convert to a fraction $0.\bar{5}$

b. Convert $3.0\overline{123}$ to a fraction