

## Math 9 Lesson 1: BEDMAS Extra Practice

1.  $\frac{5}{4} + \frac{2}{7}$

2.  $2 + \frac{4}{5}$

3.  $5\frac{4}{5}$  is a mixed fraction. Write this fraction in the form  $\frac{a}{b}$

4.  $3.2 \times 2.5$

5.  $\frac{3}{5} \times \frac{8}{5}$

6.  $3 \times \frac{2}{7}$

7.  $\frac{4}{7} \div \frac{2}{3}$

8.  $3 \div \frac{4}{9}$

9.  $2 + 3 \times 5 - 4$

10.  $0 \div 3$

11.  $\frac{16}{4 \times 2}$

12.  $2^3 + 3(4 - 6)^3$

13.  $305 \times 614$

14.  $23.7 \times 2.15$

15.  $-5^2$

16.  $-(-3)^2$

17.  $(-1)^{200}$

18.  $-2(-5)$

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

20.  $\frac{3/5}{2/7}$

21.  $4 \div 6(3 + 3)$

22.  $\left(\frac{5}{3}\right)^2$

23.  $\sqrt{\frac{81}{25}}$

24.  $-3\left(1 - \frac{4}{5}\right)$

25.  $\sqrt{90,000}$

26.  $\sqrt{-9}$

27.  $\sqrt{100} + \sqrt[3]{-125}$

28. Express  $\frac{54025}{4}$

a. As a mixed fraction

b. As a decimal number

c. As a percent

29. Express  $\frac{887766}{24}$  as a decimal number.

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

31. Round 667251 to the nearest hundred

32. Simplify  $\frac{0.08}{5.12}$  in the form  $\frac{a}{b}$

33. Simplify  $\frac{24 \div 4}{\frac{2}{5}}$

34.  $-\frac{2}{4} \div \frac{3}{4} + \left(-\frac{2}{7} \times \frac{7}{4}\right)$

35.  $(-3^2)^2 - (-1)^{123} \div \left(\frac{3}{2}\right)$

36.  $2(2 - 6) - \frac{(-1)^2}{-3^2}(1 - (2 - 3))$

37. What is  $\frac{1}{4}\%$  of a million?