

Math 9 Lesson 1: BEDMAS Extra Practice

1. $\frac{5}{4} + \frac{2}{7}$
 $\frac{43}{28}$

2. $2 + \frac{4}{5}$
 $\frac{14}{5}$

3. $5\frac{4}{5}$ is a mixed fraction. Write this fraction in the form $\frac{a}{b}$
 $\frac{29}{5}$

4. 3.2×2.5
8

5. $\frac{3}{5} \times \frac{8}{5}$
 $\frac{24}{25}$

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

7. $\frac{4}{7} \div \frac{2}{3}$
 $\frac{6}{7}$

8. $3 \div \frac{4}{9}$
 $\frac{27}{4}$

9. $2 + 3 \times 5 - 4$
13

10. $0 \div 3$
0

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

12. $2^3 + 3(4 - 6)^3$
-16

13. 305×614
187,270

14. 23.7×2.15
50.955

$$15. \frac{-5^2}{-25}$$

$$16. \frac{-(-3)^2}{-9}$$

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

$$18. \frac{-2(-5)}{10}$$

$$19. \frac{2\frac{3}{5} + \frac{3}{4} - 3}{\frac{7}{20}}$$

$$20. \frac{\frac{3/5}{2/7}}{\frac{21}{10}}$$

$$21. \frac{4 \div 6(3 + 3)}{4}$$

$$22. \frac{\left(\frac{5}{3}\right)^2}{\frac{25}{9}}$$

$$23. \frac{\sqrt{\frac{81}{25}}}{\frac{9}{5}}$$

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

$$25. \frac{\sqrt{90,000}}{300}$$

$$26. \frac{\sqrt{-9}}{\text{Undefined or } 3i \text{ where } i = \sqrt{-1}}$$

$$27. \frac{\sqrt{100} + \sqrt[3]{-125}}{5}$$

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

a. As a mixed fraction

$$13506\frac{1}{4}$$

b. As a decimal number

$$13506.25$$

c. As a percent

$$1,350,625\%$$

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

$$36990.25$$

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

$$\frac{4}{3}$$

31. Round 667251 to the nearest hundred

$$667,300$$

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

$$\frac{1}{64}$$

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

$$15$$

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

$$-\frac{7}{6}$$

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

$$\frac{165}{2}$$

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

$$-\frac{70}{9}$$

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

$$2500$$