

Math 8 Enriched
BEDMAS Review

Name _____

Date _____

1. Express in simplest form: $16 - 4 + 12 \div 6$

2. $(5 - 8)6 - 4$

3. $7 \cdot 3 + 8 - 12 \div (-4)$

4. $-8 + 5(2 - 6)$

5. $(5 + 3)3 - 10 \div 2$

6. $-24 \div (-8) + 15 \div 3 - 8 \cdot 2$

7. $21 \div (3 + 4) + [6(8 - 3) \div (1 + 9) - 1]$

8. $-4[2(5 - 8)^3 + 5 \cdot 2 \cdot 6]$

9. $2[4 + 3(6 - 7)^5 + 8 \div (-4)]$

10. Simplify: $5 + 2 \cdot 3(4 + 5) - (3 + 1)^2$

11. Express in simplest form: $-9((4 - 5^2) - (3 - 3^3))$

12. Write in simplest form: $[24 - 6(3 - 1)] \div 4$

13. Express in simplest form:

$$-20[(-3)(-15) - (-6)(3)]$$

14. Evaluate: $56 \div 4 + 3 \times 2^0$

15. Write in simplest form: $7^0 + 3^2 \cdot 4 - 2(14 - 8 \div 2)$

16. Evaluate: $\frac{3 \cdot 6 + 2 \div -2}{12 \div 4 + 5 \cdot 2^2 - 6}$

17. Simplify: $\frac{6 + \frac{4}{3} - 3 \div (2 + 2^2)}{1 + 2 \times 3}$

18. $\frac{(3 - 5 \cdot 2^3 + 1) \div 9}{(5 - 6)^3 + 6 \div 2}$

19. Calculate: $\frac{8 - 3 \times 4 \times 5 + 4^3}{(5 - 7)(-1 - 5)}$.

20. Simplify: $\frac{6 + \frac{4}{3} - 3 \div (2 + 2^2)}{1 + 2 \times 3}$

Answer List

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|-----------|---------------------|--------|
| 1. 14 | 2. -22 | 3. 32 |
| 4. -28 | 5. 19 | 6. -8 |
| 7. 5 | 8. -24 | 9. -2 |
| 10. 43 | 11. -27 | 12. 3 |
| 13. -1260 | 14. 17 | 15. 17 |
| 16. 1 | 17. $\frac{41}{42}$ | 18. -2 |
| 19. 1 | 20. $\frac{41}{42}$ | |

Catalog List

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|---------------|---------------|----------------|
| 1. MCC AG 16 | 2. ALG CA 38 | 3. ALG CA 32 |
| 4. ALG CA 48 | 5. ALG CA 55 | 6. ALG CA 64 |
| 7. ALG CA 70 | 8. ALG CA 93 | 9. ALG CA 94 |
| 10. MCC AG 6 | 11. MCC AG 10 | 12. MCC AG 11 |
| 13. MCC AG 12 | 14. MCC AG 20 | 15. MCC AG 23 |
| 16. MCC AG 73 | 17. MCC AG 54 | 18. ALG CA 119 |
| 19. MCC AG 80 | 20. MCC AG 54 | |