

8.EE.1 — Integer Exponents: Mixed Operations Practice

Integers • Grade 8 • Drill • Set A • CCSS 8.EE.1

Name: _____

Date: _____

Simplify each expression and write your answer in the space provided.

1. $3^2 \times 3^3 =$

2. $5^0 =$

3. $2^{-3} =$

4. $4^3 \div 4^1 =$

5. $(2^3)^2 =$

6. $7^{-2} =$

7. $6^2 \times 6^0 =$

8. $10^3 \div 10^5 =$

9. $(3^2)^{-1} =$

10. $2^4 \times 2^{-2} =$

11. $5^2 \div 5^{-1} =$

12. $(4^{-2}) =$

13. $9^0 \times 9^2 =$

14. $(2^{-1})^3 =$

15. $3^3 \times 3^{-3} =$

16. $10^4 \div 10^2 =$

17. $(5^2)^0 =$

18. $2^5 \div 2^{-1} =$

19. $4^{-1} \times 4^3 =$

20. $(3^{-2})^2 =$

21. $6^3 \div 6^3 =$

22. $2^{-4} \times 2^6 =$

Answer Key

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1. 243

9. $\frac{1}{9}$

17. 1

2. 1

10. 4

18. 64

3. $\frac{1}{8}$

11. 125

19. 16

4. 16

12. $\frac{1}{16}$

20. $\frac{1}{81}$

5. 64

13. 81

21. 1

6. $\frac{1}{49}$

14. $\frac{1}{8}$

22. 4

7. 36

15. 1

8. $\frac{1}{100}$

16. 100