

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

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

Name: _____

Date: _____

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

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

2. $9^0 =$

3. $9^{-2} =$

4. $4^2 \div 4^1 =$

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

6. $3^{-2} =$

7. $3^2 \times 3^0 =$

8. $10^2 \div 10^2 =$

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

10. $7^2 \times 7^{-2} =$

11. $4^2 \div 4^{-1} =$

12. $(7^{-2}) =$

13. $5^0 \times 5^2 =$

14. $(9^{-1})^2 =$

15. $9^3 \times 9^{-3} =$

16. $10^5 \div 10^5 =$

17. $(6^2)^0 =$

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

19. $8^{-1} \times 8^2 =$

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

21. $4^3 \div 4^2 =$

22. $3^{-4} \times 3^4 =$

Answer Key

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1. 81

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

17. 1

2. 1

10. 1

18. 125

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

11. 64

19. 8

4. 4

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

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

5. 64

13. 25

21. 4

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

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

22. 1

7. 9

15. 1

8. 1

16. 1