

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

Mixed Operations • Grade 8 • CCSS 8.EE.1

Name: _____

Date: _____

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

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

2. $5p =$

3. $2\{^3 =$

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

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

6. $7\{^2 =$

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

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

9. $(3^2)\{^1 =$

10. $2t \times 2\{^2 =$

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

12. $(4\{^2) =$

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

14. $(2\{^1)^3 =$

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

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

17. $(5^2)p =$

18. $2u \div 2\{^1 =$

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

20. $(3\{^2)^2 =$

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

22. $2\{t \times 2v =$

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