

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

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

Name: _____

Date: _____

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

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

2. $4^0 =$

3. $9^{-2} =$

4. $9^2 \div 9^1 =$

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

6. $6^{-2} =$

7. $8^2 \times 8^0 =$

8. $10^4 \div 10^2 =$

9. $(5^2)^{-1} =$

10. $9^3 \times 9^{-2} =$

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

12. $(6^{-2}) =$

13. $8^0 \times 8^2 =$

14. $(4^{-1})^2 =$

15. $5^3 \times 5^{-2} =$

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

17. $(3^2)^0 =$

18. $3^2 \div 3^{-1} =$

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

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

21. $9^2 \div 9^2 =$

22. $5^{-2} \times 5^2 =$

Answer Key

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

1. 32

9. $\frac{1}{25}$

17. 1

2. 1

10. 9

18. 27

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

11. 8

19. 16

4. 9

12. $\frac{1}{36}$

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

5. 16

13. 64

21. 1

6. $\frac{1}{36}$

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

22. 1

7. 64

15. 5

8. 100

16. 1