

Name: _____

Date: _____

Zero and negative exponents (Set B)

Write each answer as a whole number or a fraction.

1. $6^0 =$ _____

11. $5^{-2} =$ _____

2. $2^0 =$ _____

12. $(5^2)^{-1} =$ _____

3. $3^{-2} =$ _____

13. $2^{-2} =$ _____

4. $3^{-3} =$ _____

14. $5^0 =$ _____

5. $3^0 =$ _____

15. $2^{-1} =$ _____

6. $9^0 =$ _____

16. $(4^2)^{-1} =$ _____

7. $7^0 =$ _____

17. $4^0 =$ _____

8. $4^{-2} =$ _____

18. $4^{-1} =$ _____

9. $8^0 =$ _____

19. $2^{-3} =$ _____

10. $(2^2)^{-1} =$ _____

20. $3^{-1} =$ _____

Exponents and Scientific Notation: Answer Key

1. 1

2. 1

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

4. $\frac{1}{27}$

5. 1

6. 1

7. 1

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

9. 1

10. $\frac{1}{4}$

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

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

13. $\frac{1}{4}$

14. 1

15. $\frac{1}{2}$

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

17. 1

18. $\frac{1}{4}$

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

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