

Name _____

Scientific Notation

Write in Scientific Notation:

1. 38,000 = _____

2. 1,240 = _____

3. 0.0028 = _____

4. 0.00042 = _____

5. 0.000055 = _____

6. 4,500,000 = _____

7. 0.015 = _____

8. 560,000 = _____

Write in Standard Notation.

9. $3.2 \times 10^{-2} =$ _____

10. $9.46 \times 10^7 =$ _____

11. $1.62 \times 10^{-4} =$ _____

12. $4.05 \times 10^5 =$ _____

13. $6.38 \times 10^3 =$ _____

14. $9.23 \times 10^{-5} =$ _____

15. A microsecond is equal to 1×10^{-6} second. How many seconds is 7 microseconds?

a. 0.0000007

c. 0.7000006

b. 0.000007

d. 7,000,000

Name _____

Scientific Notation Answers

Write in Scientific Notation:

1. $38,000 = 3.8 \times 10^4$

2. $1,240 = 1.24 \times 10^3$

3. $0.0028 = 2.8 \times 10^{-3}$

4. $0.00042 = 4.2 \times 10^{-4}$

5. $0.000055 = 5.5 \times 10^{-5}$

6. $4,500,000 = 4.5 \times 10^6$

7. $0.015 = 1.5 \times 10^{-2}$

8. $560,000 = 5.6 \times 10^5$

Write in Standard Notation.

9. $3.2 \times 10^{-2} = 0.032$

10. $9.46 \times 10^7 = 94,600,000$

11. $1.62 \times 10^{-4} = 0.000162$

12. $4.05 \times 10^5 = 405,000$

13. $6.38 \times 10^3 = 6,380$

14. $9.23 \times 10^{-5} = 0.0000923$

15. A microsecond is equal to 1×10^{-6} second. How many seconds is 7 microseconds?

a. 0.0000007

c. 0.7000006

b. 0.000007

d. 7,000,000