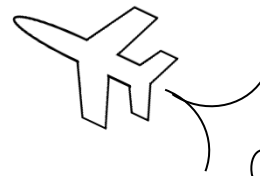


MAth on the Fly!



NAME: _____ DATE: _____

Scientific Notation

Write each number in scientific notation.

1. 9,000

2. 0.00036

3. 720,000

4. 0.00008

5. 1,378,000

6. 0.00000451

7. 65,200

8. 0.0406

9. 93,000,000

Write each number in standard form.

10. 4.7×10^3

11. 8.35×10^{-4}

12. 1.8×10^2

13. 2.5×10^{-2}

14. 1.93×10^5

15. 4×10^{-3}

16. 9×10^4

17. 6.2×10^{-5}

18. 3.79×10^4

SOLUTIONS

1. $9,000 = 9 \times 10^3$

2. $0.00036 = 3.6 \times 10^{-4}$

3. $720,000 = 7.2 \times 10^5$

4. $0.00008 = 8 \times 10^{-5}$

5. $1,378,000 = 1.378 \times 10^6$

6. $0.00000451 = 4.51 \times 10^{-6}$

7. $65,200 = 6.52 \times 10^4$

8. $0.0406 = 4.06 \times 10^{-2}$

9. $93,000,000 = 9.3 \times 10^7$

10. $4.7 \times 10^3 = 4,700$

11. $8.35 \times 10^{-4} = 0.000835$

12. $1.8 \times 10^2 = 180$

13. $2.5 \times 10^{-2} = 0.025$

14. $1.93 \times 10^5 = 193,000$

15. $4 \times 10^{-3} = 0.004$

16. $9 \times 10^4 = 90,000$

17. $6.2 \times 10^{-5} = 0.000062$

18. $3.79 \times 10^4 = 37,900$