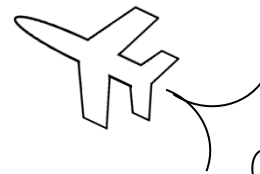


# MAth on the Fly!



NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

## Multiplying Numbers in Scientific Notation

Solve each problem below.

1.  $(4 \times 10^2) \cdot (2 \times 10^5)$

2.  $(1.3 \times 10^6) \cdot (5.9 \times 10^3)$

3.  $(8 \times 10^{-5}) \cdot (6 \times 10^2)$

4.  $(11.2 \times 10^8) \cdot (7 \times 10^{-3})$

5.  $(3.9 \times 10^{-2}) \cdot (4.5 \times 10^{-7})$

6.  $(3 \times 10^7) \cdot (2.4 \times 10^{-1})$

7.  $(6 \times 10^3) \cdot (9 \times 10^9)$

8.  $(7.8 \times 10^4) \cdot (1.1 \times 10^4)$

9.  $(8.2 \times 10^{-6}) \cdot (15.6 \times 10^2)$

10.  $(3 \times 10^{-3}) \cdot (9.4 \times 10^{-5})$

11.  $(4.7 \times 10^8) \cdot (1.5 \times 10^{10})$

12.  $(5.6 \times 10^{11}) \cdot (6.9 \times 10^{-9})$

## SOLUTIONS

1.  $8 \times 10^7$

2.  $7.67 \times 10^9$

3.  $48 \times 10^{-3} \longrightarrow 4.8 \times 10^{-2}$

4.  $78.4 \times 10^5 \longrightarrow 7.84 \times 10^6$

5.  $17.55 \times 10^{-9} \longrightarrow 1.755 \times 10^{-8}$

6.  $7.2 \times 10^6$

7.  $54 \times 10^{12} \longrightarrow 5.4 \times 10^{13}$

8.  $8.58 \times 10^8$

9.  $127.92 \times 10^{-4} \longrightarrow 1.2792 \times 10^{-2}$

10.  $28.2 \times 10^{-8} \longrightarrow 2.82 \times 10^{-7}$

11.  $7.05 \times 10^{18}$

12.  $38.64 \times 10^2 \longrightarrow 3.864 \times 10^3$