

# Operations With Numbers in Scientific Notation: Matching Activity

Each of the cards below with an addition, subtraction, multiplication, or division expression will match to two other cards: one that shows its answer in scientific notation and one that shows its answer in standard form.

**Directions:** Cut out all of the cards below. Then, group the matching cards.

1. $\frac{8.4 \times 10^5}{2.1 \times 10^3}$	15. $4 \times 10^2$	30. 400
2. $(2.6 \times 10^3) + (1.1 \times 10^3)$	17. $3.7 \times 10^3$	27. 3,700
3. $(8.2 \times 10^2)(5.4 \times 10^{-4})$	16. $4.428 \times 10^{-1}$	32. 0.4428
4. $(8.3 \times 10^5) - (2.8 \times 10^5)$	14. $5.5 \times 10^5$	25. 550,000
5. $(3.2 \times 10^6)(1.4 \times 10^{-3})$	22. $4.48 \times 10^3$	35. 4,480
6. $(4.1 \times 10^4) - (3.2 \times 10^3)$	13. $3.78 \times 10^4$	29. 37,800
7. $(4.9 \times 10^4) + (6.5 \times 10^3)$	23. $5.55 \times 10^4$	31. 55,500
8. $\frac{6.6 \times 10^2}{1.2 \times 10^{-1}}$	21. $5.5 \times 10^3$	36. 5,500

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<b>9.</b> $(2 \times 10^2) + (4.4 \times 10^4)$	<b>24.</b> $4.42 \times 10^4$	<b>33.</b> 44,200
<b>10.</b> $(9.3 \times 10^2) - (3.8 \times 10^2)$	<b>19.</b> $5.5 \times 10^2$	<b>28.</b> 550
<b>11.</b> $\frac{7.5 \times 10^6}{2 \times 10^2}$	<b>18.</b> $3.75 \times 10^4$	<b>34.</b> 37,500
<b>12.</b> $(7 \times 10^2)(5.3 \times 10^{-5})$	<b>20.</b> $3.71 \times 10^{-2}$	<b>26.</b> 0.0371