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. $\dfrac{8.4 \times 10^5}{2.1 \times 10^3}$	**2.** $(2.6 \times 10^3) + (1.1 \times 10^3)$	**3.** $(8.2 \times 10^2)(5.4 \times 10^{-4})$	**4.** $(8.3 \times 10^5) - (2.8 \times 10^5)$
5. $(3.2 \times 10^6)(1.4 \times 10^{-3})$	**6.** $(4.1 \times 10^4) - (3.2 \times 10^3)$	**7.** $(4.9 \times 10^4) + (6.5 \times 10^3)$	**8.** $\dfrac{6.6 \times 10^2}{1.2 \times 10^{-1}}$
9. $(2 \times 10^2) + (4.4 \times 10^4)$	**10.** $(9.3 \times 10^2) - (3.8 \times 10^2)$	**11.** $\dfrac{7.5 \times 10^6}{2 \times 10^2}$	**12.** $(7 \times 10^2)(5.3 \times 10^{-5})$
13. 3.78×10^4	**14.** 5.5×10^5	**15.** 4×10^2	**16.** 4.428×10^{-1}
17. 3.7×10^3	**18.** 3.75×10^4	**19.** 5.5×10^2	**20.** 3.71×10^{-2}
21. 5.5×10^3	**22.** 4.48×10^3	**23.** 5.55×10^4	**24.** 4.42×10^4
25. 550,000	**26.** 0.0371	**27.** 3,700	**28.** 550
29. 37,800	**30.** 400	**31.** 55,500	**32.** 0.4428
33. 44,200	**34.** 37,500	**35.** 4,480	**36.** 5,500