

8.EE.A.1 ADDITIONAL PRACTICE

- 1) Evaluate the exponent expression in the table.

3^{-3}	3^{-2}	3^{-1}	3^0	3^1	3^2	3^3

2) $k^8 \cdot k^{-4} = ?$

3) $n^3 \cdot n^{-6} \cdot n^4 = ?$

4) Simplify: $6^{-4} \cdot 6^0 \cdot 6^6$

5) Simplify: $(\frac{2}{5})^3$

6) Simplify: $4^4 \cdot 4^{-4}$

7) Simplify: $(6^{-3})^3 \cdot 6^{-1}$

8) Simplify: $(5^2)^2 \cdot (5^4)^{-3}$

9) Simplify: $\frac{(4^2)^3}{4^5} \cdot \frac{5^3}{5^2}$

10) Simplify: $\frac{(3^3)^4}{3^4} \cdot \frac{3^5}{3^2}$