

# Solve in a Group!

Work as a team to solve at least 3 problems below. You **MUST** solve problems from two or more different sections!

## Section A: a little simpler

Simplify.

1.

$$\frac{6a^7}{a^{11}}$$

2.

$$2^3 \cdot 2^{-6}$$

3.

$$\frac{5q^9}{q^{15}}$$

## Section B: more complex

4.

$$\left(\frac{2^2}{2^5}\right)^{-2}$$

5.

$$\frac{w \cdot w^3 \cdot w^0}{w^{-6} \cdot w^{-7}}$$

6.

$$\left(\frac{3^3}{3^4}\right)^{-3}$$

## Section C: challenge!

7.

$$\left(\frac{2a^{-3}b^2}{4a^2}\right)^{-3}$$

