# Agenda

**Homework:**

- Exponents: Quotient Rule WS
- AM (10 lessons by end of quarter)

Materials:

- Math Notebook

**DO NOW:**

- Take out homework

- On your DESK:

1) Simplify $-4^{-1}$

2) Simplify $2x^4 y^2 \cdot 8xy^{-5}$

# Do Now

1) Simplify $-4^{-1}$

1) Simplify
   $2x^4 y^2 \cdot 8xy^{-5}$

# More Negative Exponent Practice

| | | |
|---|---|---|
| $x^{-2}$ | $x^{-3}y^4$ | $x^6y^{-5}$ |
| $\dfrac{x^7y^{-1}}{z^3}$ | | $\dfrac{x^{-2}y^4}{z^{-8}}$ |

# Agenda

- Discovering the Quotient Rule Worksheet
- Work on homework
- Extra practice
- Mini Quiz

# Exponents (Quotient Rule) MINI QUIZ

Rewrite the following in SIMPLEST Exponent Form.

① $\dfrac{x^5}{x^3}$

② $\dfrac{20x^6}{4x}$

③ $\dfrac{6x^4y^3}{3x^8y}$