WARMUP $1/(0.0026 \times 10^4)$

- 1) Divide: 15. $12 \div 4.2$
- 2) Multiply: $6x^3 \cdot 8x^2$
- 3) Divide: $\frac{177x^{74}}{3x^{49}}$

$\begin{array}{c ccccc} \textbf{P. 55 (1-7, 13, 24-26)} \\ 1 & 3,160 \\ 2 & 0.00011 \\ 3 & 0.0000252 \\ 4 & 4.3 \times 10^4 \\ 5 & 7.2 \times 10^3 \\ 6 & 9.01 \times 10^5 \\ 7 & \text{Arctic, Southern, Indian, Atlantic, Pacific \\ 10 & < \\ 11 & < \end{array}$ $\begin{array}{c ccccc} \textbf{13} & 1.2 \times 10^4 \text{ is closer because} \\ if is equal to 1,200,000, ord 1,2 \times 10^3 is only equal to 120,000, which is much farther away from one million. \\ 10 & \text{Comparison of the transmission of transmission of the transmission of transmission of transmission of the transmission of $	
	-

QUIZ FOLDERS: In your folder, you should have: Fractions, Decimals, Roots Quiz Unit 1 Test Unit 2 Quiz Linear Equations and Graphs Quiz Linear Relationships Test Solving Equations Quiz Solving Equations Test Systems of Equations Test + the new one we are adding I went through and made a list of all the quizzes everyone is missing You need to find these quizzes. However, DO NOT put them back in your folder. Turn them into the tray. I will then check them off and put them in the folders myself.

GOING OVER EXPONENTS QUIZ

- Retake Deadline Two weeks from today (Friday, Feb. 9)
- Must do corrections on a corrections sheet + extra practice

1) $(4 \times 10^{5}) \cdot (2 \times 10^{2}) = [8] \times 10^{7}$ 2) $(4 \times 10^{5}) \div (2 \times 10^{2}) = [2] \times 10^{3}$ 3) $(4 \times 10^{5}) + (2 \times 10^{2}) = [4.002] \times 10^{5}$ 4) $(4 \times 10^{5}) - (2 \times 10^{2}) = [3.998] \times 10^{5}$













OVERALL MAIN IDEA IN MATH ...

• You can multiply or divide anything.

 ${\scriptstyle \odot}$ However, you can only add or subtract things that are like terms.

• Fractions work this way.

- Calculating with variables works this way.
- Scientific notation also works this way!

TRY THESE:

```
WRITE YOUR ANSWER IN SCIENTIFIC NOTATION.
Examples
1. (7.4 \times 10^9)(1.2 \times 10^{-3})
2. (6.5 \times 10^3) + (1.23 \times 10^5)
3. \quad \frac{9.72 \times 10^{81}}{2.7 \times 10^{77}}
4. (9 \times 10^5) - (2.5 \times 10^2)
1. 8.88 \times 10^{6}
```

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2. 1.295 \times 10^5
```

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3. 3.6 \times 10^4
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4. 8.9975 \times 10^5
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CLASSWORK (WILL FINISH MONDAY)

• p.63 (1, 2, 4, 8) and • p.65 (19, 21, 22)

 No calculator allowed!
 NO WORK SHOWN = NO CREDIT!