

QUIZ 1

Name _____

1. Is it true that $\frac{-75}{-65} = \frac{21}{18}$? Why?

2. Calculate $\frac{3}{7} \left(\frac{-11}{21} \right) + \left(\frac{-3}{7} \right) \frac{-11}{21}$

3. Solve $\frac{-3}{7}x > \frac{8}{5}$ for x . Show your work.

4. Is the set of irrational numbers closed under addition? Multiplication?

5. Determine which is larger $\sqrt[5]{72}$ or $\sqrt[13]{75}$?