

Math Chapter 5 Study Guide
Compare. Write < or >.
7. [−] 0.62 ● 0.61 8. 2.8 ● [−] 2.9
< >
Order from least to greatest.
15. 5.82, ⁻ 0.37, 2.14, ⁻ 0.05
-0.37 -0.05 2.14 5.82 (Notice that the larger the negative number, the smaller the quantity.)
One way to Compare fractions is to cross multiply.
ANOTHER WAY Use cross-multiplication.
$\begin{array}{c c} \hline 3\\ \hline 4\\ \hline 5\\ \hline \\ \hline$
-3×5 -1×4
-15 < -4 The relationship between the fractions is the same
$\frac{-3}{4} < \frac{-1}{5}$ as the relationship between the products.
Use cross multiplying to compare the fractions.
8. ă
<
-3 x 8 = -24
-8 x 1 = -8
Remember the larger the negative number the smaller the quantity.
Compare. Write <, >, or =.
2. $\frac{-3}{4} \bullet -2$ 3. $1.25 \bullet -1$ 4. $-1.5 \bullet -1\frac{1}{2}$
$-3 \div 4 =75 < -2$ 1.25 > -1 $-1.5 = -3 \div 2 = -1.5$