

Problem Set

1. In the table below, list each set of rational numbers in order from least to greatest. Then, list their opposites. Finally, list the opposites in order from least to greatest. The first example has been completed for you.

Rational Numbers	Ordered from Least to Greatest	Opposites	Opposites Ordered from Least to Greatest
$-7.1, -7.25$	$-7.25, -7.1$	$7.25, 7.1$	$7.1, 7.25$
$\frac{1}{4}, -\frac{1}{2}$			
$2, -10$			
$0, 3\frac{1}{2}$			
$-5, -5.6$			
$24\frac{1}{2}, 24$			
$-99.9, -100$			
$-0.05, -0.5$			
$-0.7, 0$			
$100.02, 100.04$			

2. For each row, what pattern do you notice between the numbers in the second and fourth columns? Why is this so?