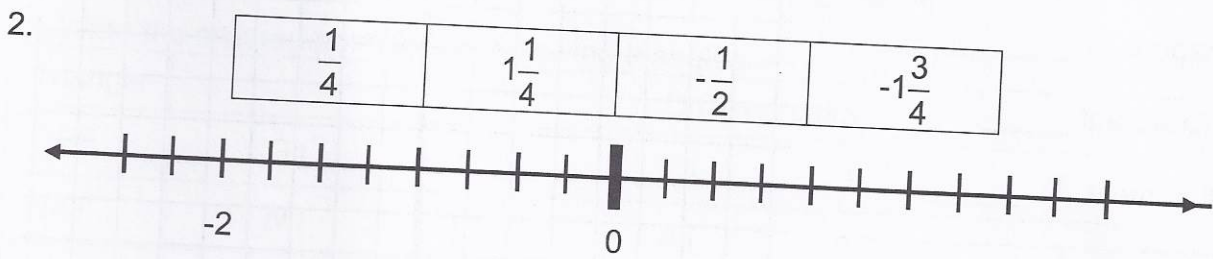
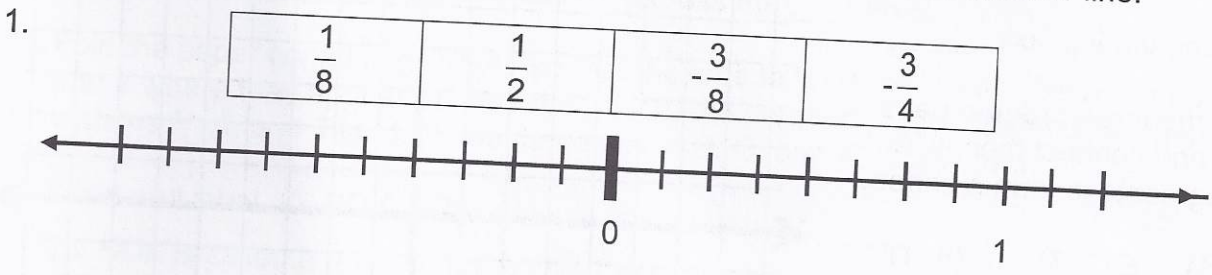


## OPPOSITES ON A NUMBER LINE: FRACTION AND VARIABLE CHALLENGE

For problems 1 and 2:

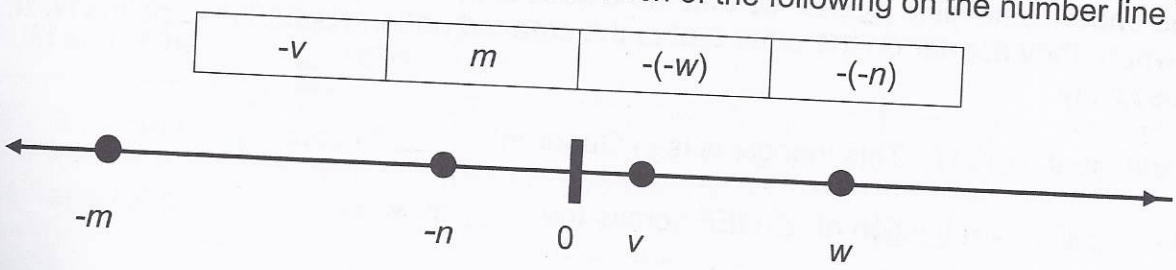
- Graph and then label each number on the number line.
- Then graph and label the *opposite* of each number on the same number line.



3. Locate  $-A$  on the number line below. What is its value? \_\_\_\_\_



4. Graph and label an estimated location of each of the following on the number line below.



5. Why is the opposite of zero equal to zero? (Why is zero its own opposite?)