

82  
8-A

10-D  
9-D-  
Ch. 3 Test

Portions and Integers

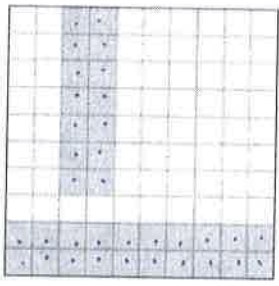
15 - A+  
14 - A  
13 - B+  
12 - B-  
11 - C

Problem =  $\frac{15}{15}$

$\frac{13}{2}$  +  $\frac{2}{2}$

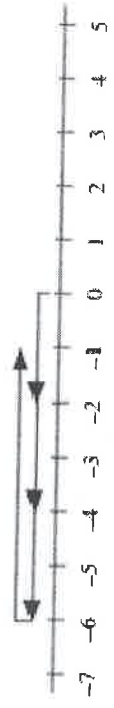
Directions: Solve each problem as completely as you can. Remember to read carefully and take your time.

1. Consider the representation at right. Write the portion shaded as:



- a. a fraction.  $\frac{34}{100}$  +1
- b. a decimal.  $0.34$  +1
- c. a percent.  $34\%$  +1

2. Here is a picture of movement along a number line.



a. Write an expression that represents the diagram above.

$0 - 6 + 5 + 1$

b. What does the expression equal?  $-1 + 1$

c. Write an absolute value statement for the answer to the expression:

$|-1| = 1$  +1

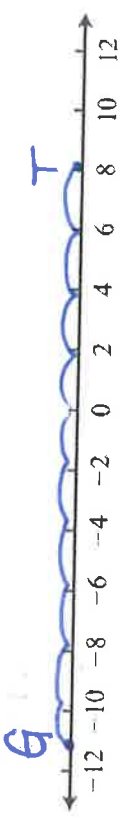
3. Rewrite each percent as a decimal.

Percent	Decimal
16%	$0.16$ +1
145%	$1.45$ +1
2%	$0.02$ +1

4. Write a decimal and a percent for "twenty-two hundredths."

$22\%$  +1

5. Tamara's and Gabby's frogs sit back at the point 0 on a number line. Tamara's frog hops eight units to the right while Gabby's frog hops 11 units to the left.



a. On what point is Tamara's frog now sitting?  $8 + 1$

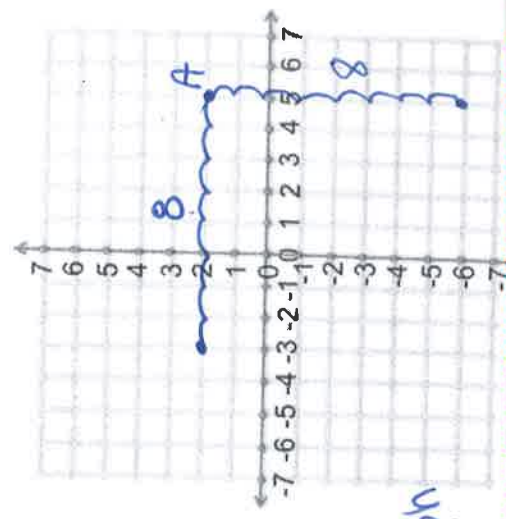
b. On what point is Gabby's frog now sitting?  $-11 + 1$

c. Who jumped the furthest?

+1 Gabby's frog jumped the furthest.

d. How far apart are the two frogs now?  $|-11| + |8| = 19$

6. Point A has coordinates (5, 2). Plot and label point A, then write the coordinates of two points that are a distance of eight units away from point A.



$(-3, 2)$

$(5, -6)$

$(13, 2)$  } Not shown on graph  
 $(5, 10)$  }