

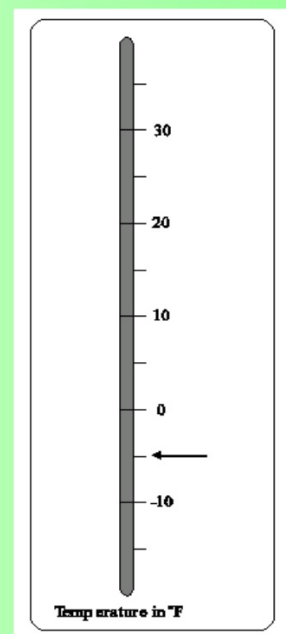
Plot the eagle and the fish on a number line.

Eagle is 20 ft above the ground.

Fish is 10 feet below the ground.

Which animal has a higher elevation?

Which animal is closer to the ground?



Absolute Value (Day 2)
Essential Question: Why is absolute value
always positive?

Distance & Elevation

Distance: is always _____

Absolute Value: is always _____, because it's is the distance a number is from _____.

Opposites: can be either _____ or _____.

What is the opposite of the opposit of a number?

Absolute Value Word Sentences

The pigeon's elevation is _____
than the dolphin's elevation.

$$10 \square -20$$

The pigeon's distance from sea
level is _____ than the dolphin's
distance.

$$|10| \square |-20|$$

Complete page 9 with your partner:

(Honor's task 3)

Simplifying Absolute-Value Expressions

$$|9 - 3| - |2 + 3|$$

1) Simplify inside the absolute value sign(s)

$$|6| - |5|$$

2) Make the number inside the absolute value positive.

$$6 - 5$$

3) Evaluate the expression

$$1$$

ex 1: $|-9| + |7|$

$$\text{ex 2: } |-6| + |8 - 3|$$

$$\text{ex 3} \quad - \quad |6-4|$$

$$|-5|$$

$$-|-5|$$

$$|3 + 3|$$

$|-10|$

$$-|-10|$$

-|7|

- | 4 |

$$-|-2|$$

$$-|-1|$$

As a class we will complete pg 12 - 13