

Homework #5 – Integer Review

- 1) Evaluate: $-10 - 47$
- 2) Evaluate: $(-12) + (-11)$
- 3) What is the definition of absolute value?
- 4) Evaluate: $-|-12|$
- 5) Evaluate: $16 + (-13) + 5$
- 6) Evaluate: $10 + 3 - (-8)$
- 7) During an electronics experiment, you measure -14 volts on terminal A of your newly designed circuit. After adjusting the circuit, you measure -21 volts. What is the difference of the two voltage readings?
- 8) True or False: Positive numbers are to the left of zero on a number line.
- 9) The temperature outside in the morning was 9 degrees. By late afternoon, the temperature drops 14 degrees. What is the new temperature?
- 10) Evaluate: $2 - (-9)$
- 11) Evaluate: $-1 - 10$
- 12) A submarine was 745 feet below sea level. If it ascends 275 feet, what is its new position?
- 13) Evaluate: $6 + (-5) + |-3 + 2|$



- 14) Kayla started the week with \$48 in her bank account. She deposited \$35 she earned from babysitting. Then she withdrew \$22 to buy a shirt. What is her final balance of her bank account?
- 15) What is Mr. Tallman's favorite baseball team?
- 16) The Bigtown Bears football team are on the 25 yard line. They lose 3 yards, gain 8 yards and then lose 2 yards. What yard line are the Bears after those three plays?
- 17) Order the following from least to greatest: $|-34|$, 21 , -17 , $|20|$, $|-11|$
- 18) A plane is flying at 10,000 feet. The plane climbs 17,000 feet to approach cruising altitude. What is the plane's cruising altitude?
- 19) Evaluate: $-8 + 15$
- 20) True or False: $|-7|$ is greater than $|15|$