

<p style="text-align: center;"><b>Mathematics 7</b> <b>Mini-Quiz: Subtracting Integers</b></p>
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**Number lines:**

► Use a number line to solve each of the following equations. (*Show all working*)

1.)  $(+5) - (+3) =$

2.)  $(-4) - (-7) =$

3.)  $(+9) - (-5) =$

4.)  $(-6) - (+2) =$

**Integer Chips:**

► Use illustrated integer chips to solve each of the following equations. (*Show all working*)

5.)  $(+10) - (+6) =$

6.)  $(-7) - (-1) =$

7.)  $(+3) - (-7) =$

8.)  $(-5) - (+8) =$

**Mixed Strategies:**

► Solve the following:

9.)  $(+7) - (-4) + (-9)$

10.)  $(+76) + (-55) - (-9) + (+15)$

11.) The temperature was recorded at  $21^{\circ}\text{C}$  in the morning but it fell by  $27^{\circ}\text{C}$  in the evening. What is the temperature in the evening?

12.) Uncle Joe built a twelve foot ladder. Harry took the ladder and put on a six feet extension. However, little Sam accidentally broke seven feet off the ladder. How much of the ladder is left?

**Bonus:** *Value* - For the Joy of Math

13.) A/ Write your own word problem.

B/ Write the numerical equation of the word problem

C) Solve the equation