

Investigating Integers: GETTING STARTED!

<u>#1</u>	<p>Find and record the definition of an integer. Sketch and label a number line similar to the one on this page. Be sure to take the hint and scroll over the number line with the mouse; include these labels in your sketch. Click here.</p> <p>Define <u>Integers</u>:</p> <hr/> <p>Sketch & Label a Number Line: <i>Hint: scroll over the number line with the mouse; include these labels in your sketch</i></p>
<u>#2</u>	<p>List and define some common terms used with integers. Carefully review the examples and real-life situations to include them in your notes. Then CORRECTLY answer the five questions listed at the bottom of the page and record these exercises. Click here.</p> <p>Scroll down to EXAMPLE 1 and list 4 example situations involving integers:</p> <ol style="list-style-type: none">1)2)3)4) <hr/> <p>Continue scrolling to EXAMPLE 3 and list 4 real life situations:</p> <ol style="list-style-type: none">1)2)3)4) <hr/> <p>Complete the 5 practice exercises and list the problems AND answers below:</p> <ol style="list-style-type: none">1)2)3)4)5)

<p>#3</p>	<p>Locate the words "opposite" and "absolute value" in two of the following glossaries and read through the material thoroughly. Use both definitions to explain these two terms and create some examples.</p> <ul style="list-style-type: none"> • Harcourt Multi-Media Math glossary • Math.com glossary <p>List two definitions for <u>Absolute Value</u>:</p> <hr/> <p>Include at least 4 examples:</p> <hr/> <p>List two definitions for <u>Opposites</u>:</p> <hr/> <p>Include at least 4 examples:</p>
<p>#4</p>	<p>Practice finding the absolute value of integers by playing the game called 20 Questions. After selecting the 20 questions button with your mouse, press start and begin solving problems. Continue answering questions until you have accomplished the assigned task; a box will pop-up to end the game. Make sure to record at least five of these problems. Click here to play!</p> <ol style="list-style-type: none"> 1) 2) 3) 4) 5)
<p>#5</p>	<p>Practice comparing integers by playing the game called 20 Questions (just like step #4). After selecting the 20 questions button with your mouse, press start and begin solving problems. Continue answering questions until you have accomplished the assigned task; a box will pop-up to end the game. Make sure to record at least five of these problems. Click here to play!</p> <ol style="list-style-type: none"> 1) 2) 3) 4) 5)

Watch the two videos below and take necessary notes.

- <http://www.learnalberta.ca/content/mesg/html/math6web/index.html?page=lessons> (Video on Integer Introduction)
- Brainpop (All Movies- absolute Value)

Application Problems:

http://www.mathgoodies.com/lessons/vol5/challenge_vol5.html

Complete the 10 practice exercises and list the 5 problems AND answers below:

- 1)
- 2)
- 3)
- 4)
- 5)

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