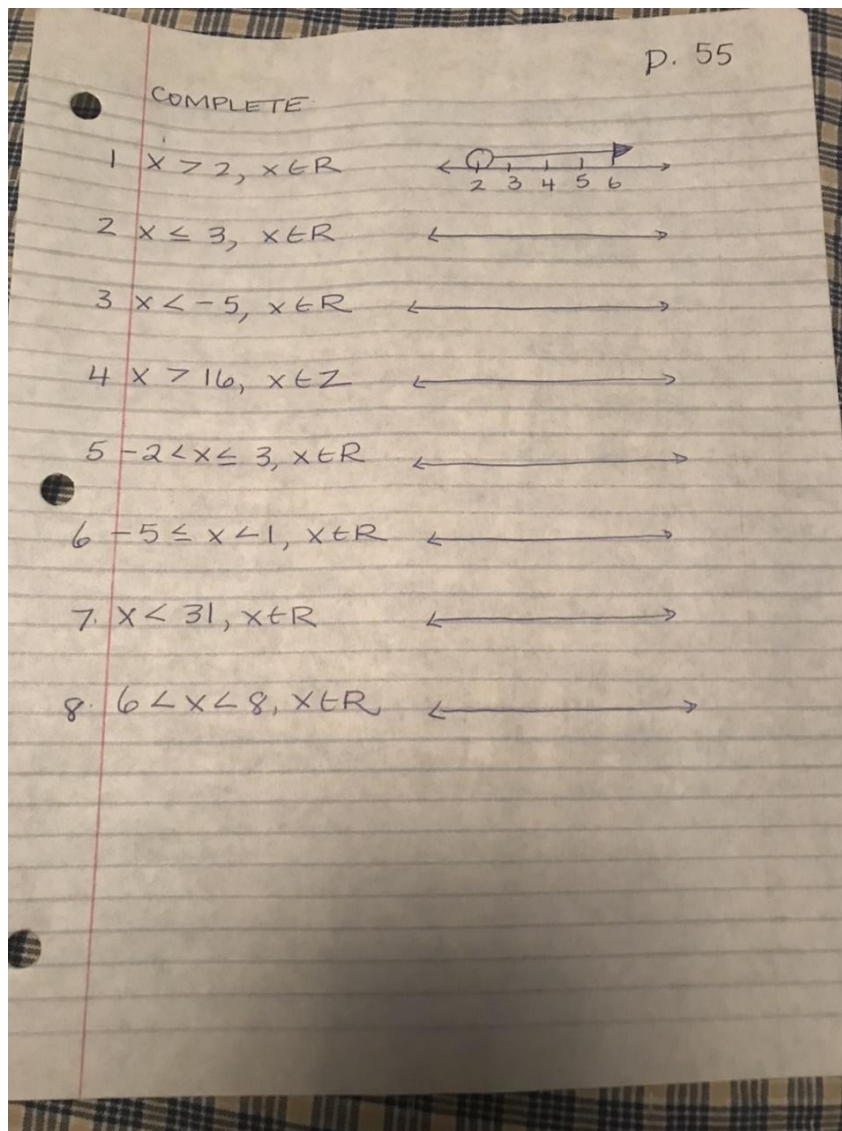


Lesson #14: $2 < x < 5$, $x \in \mathbb{R}$

Continue to work at your own pace. I am very proud of you and your hard work! 😊 Remember, whenever you have a question, I am only an email away. Stacey.hayes@nbed.nb.ca I miss you and I am thinking of you.

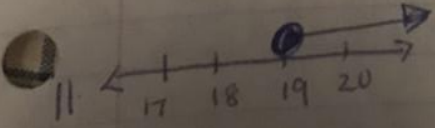
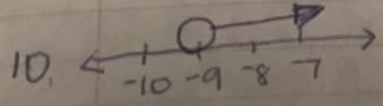
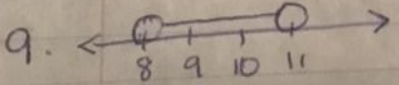
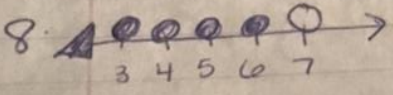
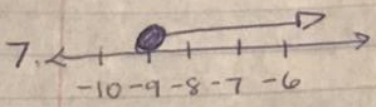
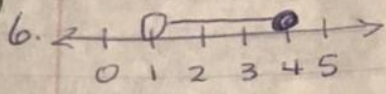
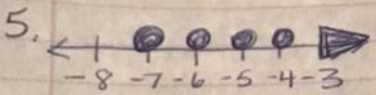
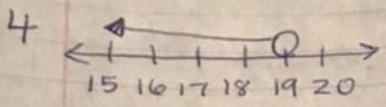
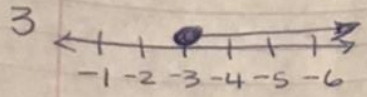
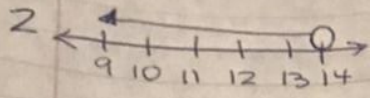
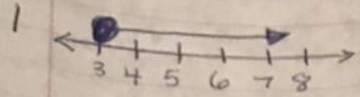
There are 2 parts to this lesson:

1. Watch the YouTube video lesson. <https://youtu.be/mkguxer1wdk>
2. Complete the questions below on page 55 of your notebook.
3. After you have completed all the questions below, please correct your answers using my answer key (attached below).



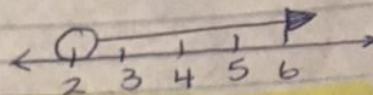
SOLUTION:

$$x \geq 3, x \in \mathbb{R}$$

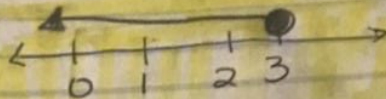


COMPLETE

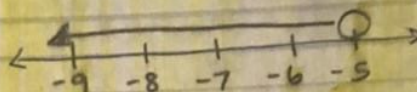
1 $x > 2, x \in \mathbb{R}$



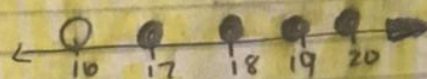
2 $x \leq 3, x \in \mathbb{R}$



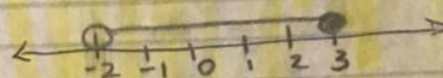
3 $x < -5, x \in \mathbb{R}$



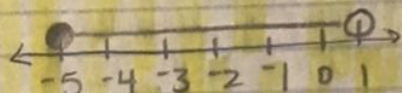
4 $x > 16, x \in \mathbb{Z}$



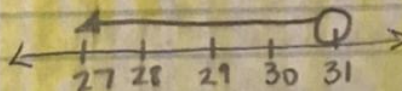
5 $-2 < x \leq 3, x \in \mathbb{R}$



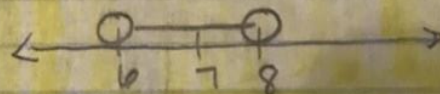
6 $-5 \leq x < 1, x \in \mathbb{R}$



7 $x < 31, x \in \mathbb{R}$



8 $6 < x < 8, x \in \mathbb{R}$



SOLUTION:

$$x \geq 3, x \in \mathbb{R}$$

$$x < 14, x \in \mathbb{R}$$

$$x \geq -3, x \in \mathbb{R}$$

$$x < 19, x \in \mathbb{R}$$

$$x \geq -7, x \in \mathbb{Z}$$

$$* 1 < x \leq 4, x \in \mathbb{R}$$

$$x \geq -9, x \in \mathbb{R}$$

$$x < 7, x \in \mathbb{Z}$$

$$* 8 < x < 11, x \in \mathbb{R}$$

$$x > -9, x \in \mathbb{R}$$

$$x \geq 19, x \in \mathbb{R}$$

