

7th Grade
March 25, 2021

Today we will:

- Review HW
- Complete ALEKS review
- Work on study guide
- Is your binder ready for binder check? You can also use some time today for that.



HOMEWORK:

Complete study guide

Test and binder check
TOMORROW

ALEKS assignment:
60 min and 5 topics
due Monday by 11:59pm



Name _____
 CLASSWORK Unit 8 Lesson 7 Due Date 3/25

Lesson 7 Skills Practice
Solving Inequalities

Solve each inequality. You must SHOW BALANCING (do the same inverse operation on each side) for full credit.

1. $p + 9 > 13$
 $-9 \quad -9$
 $p > 4$

4. $5 > -3 + y$
 $+3 \quad +3$
 $8 > y$

7. $j - 4 \leq -10$
 $+4 \quad +4$
 $j \leq -6$

10. $-15 \leq d + (-2)$
 $+2 \quad +2$
 $-13 \leq d$

2. $t + 7 < -4$
 $-7 \quad -7$
 $t < -11$

5. $r + 7 \leq -3$
 $-7 \quad -7$
 $r \leq -10$

8. $-5 > h - 3$
 $+3 \quad +3$
 $-2 > h$

11. $2 + c \leq -8$
 $-2 \quad -2$
 $c \leq -10$

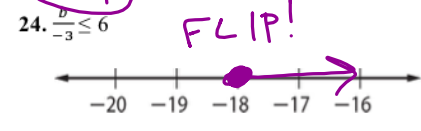
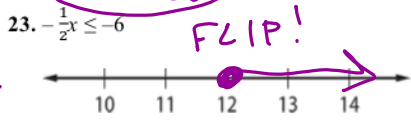
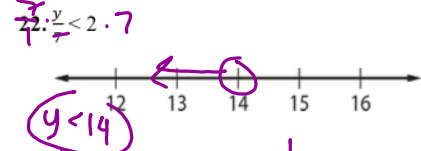
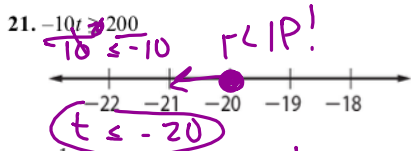
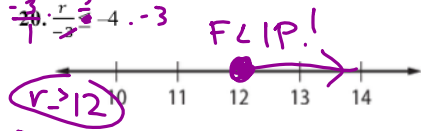
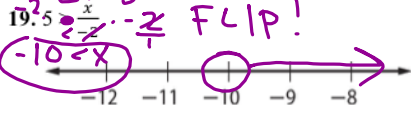
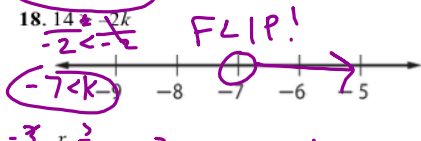
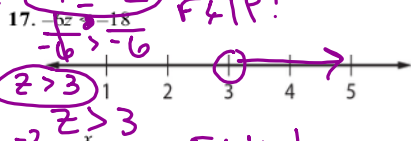
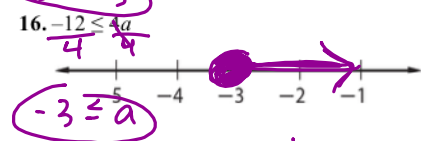
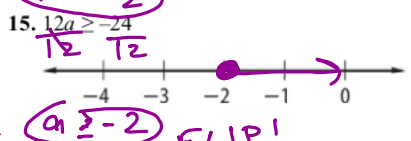
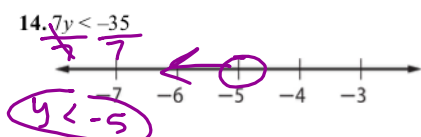
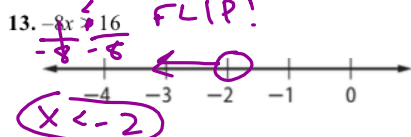
3. $-12 \geq 7 + x$
 $-7 \quad -7$
 $-19 \geq x$

6. $b - 15 > 11$
 $+15 \quad +15$
 $b > 26$

9. $13 > w + (-14)$
 $-14 \quad -14$
 $-1 > w$

12. $15 > c + 3$
 $-3 \quad -3$
 $12 > c$

Solve each inequality. Graph each solution on a number line.



$-\frac{1}{2}x \leq -6$
 $\div -\frac{1}{2} \quad \div -\frac{1}{2}$
 $x \geq 12$

$K < F$
 $-\frac{6}{1} \cdot -\frac{2}{1} = 12$

$-\frac{b}{-3} \leq 6$
 $\div -3 \quad \div -3$
 $b \geq -18$

Note:

For this chapter, you **MUST** solve **ALL EQUATIONS** by balancing! If you do not show balancing, you will get **HALF CREDIT**, even if you have the correct solution!

