WEEK 3: SOLVING INEQUALITY

- WORD PROBLEMS

LESSON 7-8

INDEPENDENT PRACTICE:

Write an inequality to represent EACH of the following Verbal statements below:

1. Ann had \$10. After spending $\$\boldsymbol{x}$ on snacks, she has less than \$5 left.
2. When a whole number $\boldsymbol{x}$ is subtracted from 20, the result is less than 15.
3. The length of a rectangle is $\boldsymbol{y}\ cm$ and the width is $9\ cm$. The perimeter must not exceed $50\ cm$.
4. If the number 3 is added to a whole number $\boldsymbol{w}$, the result will exceed **20**.
5. John has **3** apples more than his friend Paul. If Paul has $\boldsymbol{x}$ number of apples and together they have at least **13** apples.

Solve the following Inequality and state the solution set with at least 3 numbers.

1. $12x - 8 < 15$
2. $15 < 10z - 19$
3. $6y + 5 > 8$
4. $9x + 1 > 13 - 3x$

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