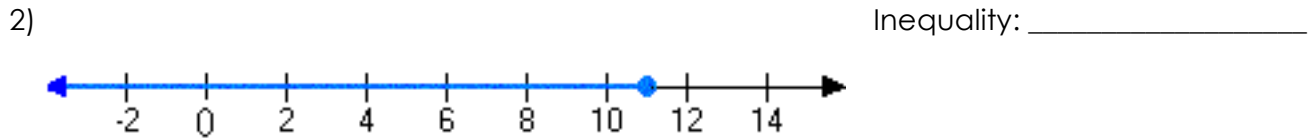


Write an inequality to represent each graph.



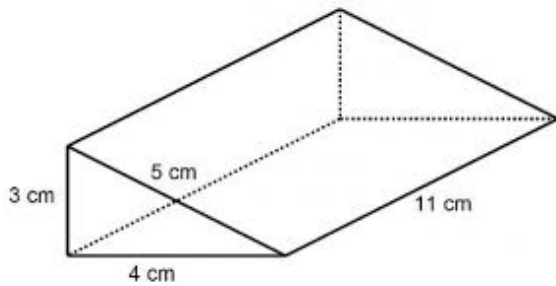
Ryan has \$500 in a savings account at the beginning of the summer. He wants to have at least \$200 in his account at the end of summer. Ryan withdraws (takes out) \$25 each week for food, clothes, and movie tickets.

3) Write and solve an inequality to represent Ryan's situation where  $x$  represents the number of weeks Ryan takes money out of his account.

4) How many weeks can Ryan take money out of his account during the summer and have at least \$200 in his account at the end of summer? Explain how you know.

5) List three equivalent ratios to 4:5.

6) What is the surface area of the triangular prism? ( $SA = 2B + Ph$ )



Use order of operations to solve the following:

7)  $3(4 - 9) + 12 \div (-3)$

8)  $|5 - 15| - 4(3)$

9) A circle has a circumference of 31.4 inches. What is the diameter of the circle? Round to the nearest TENTH.

10) Determine if the two expressions are equivalent:

$$3x + 4 + 10 - 12x$$

and

$$6x + 5 - (-9) - 12x$$