

Lesson 17: Solving Compound Inequalities

Directions: Solve each compound inequality and use a pencil to **DRAW** the object that corresponds with your answer. **SHOW YOUR STEPS!!!**

1. $4 \leq x + 2 \leq 7$ <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">(a) If your answer is $2 \leq x \leq 5$ draw the following fish.</td> <td style="width: 50%; text-align: center; padding: 2px;">  </td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is $5 \leq x \leq 9$ draw the following eyes.</td> <td style="text-align: center; padding: 2px;">  </td> </tr> </table>	(a) If your answer is $2 \leq x \leq 5$ draw the following fish.		(b) If your answer is $5 \leq x \leq 9$ draw the following eyes.		2. $x + 8 < 4$ <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">(a) If your answer is $x < 10$ draw the following football mask.</td> <td style="width: 50%; text-align: center; padding: 2px;">  </td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is $x > 3$ draw the following marshmallow.</td> <td style="text-align: center; padding: 2px;">  </td> </tr> </table>	(a) If your answer is $x < 10$ draw the following football mask.		(b) If your answer is $x > 3$ draw the following marshmallow.		3. $x + 6 \leq 10$ or $x - 2 \geq 3$ <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">(a) If your answer is $x \leq 5$ or $x \geq 4$ draw the following eyes inside the mask.</td> <td style="width: 50%; text-align: center; padding: 2px;">  </td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is $x \leq 4$ or $x \geq 5$ draw the following eyes inside the mask.</td> <td style="text-align: center; padding: 2px;">  </td> </tr> </table>	(a) If your answer is $x \leq 5$ or $x \geq 4$ draw the following eyes inside the mask.		(b) If your answer is $x \leq 4$ or $x \geq 5$ draw the following eyes inside the mask.	
(a) If your answer is $2 \leq x \leq 5$ draw the following fish.														
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4. $-3 \geq -3x \geq -9$ <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">(a) If your answer is $-6 \leq x \leq 0$ draw the following eyebrows.</td> <td style="width: 50%; text-align: center; padding: 2px;">  </td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is $1 \leq x \leq 3$ draw the following eyebrows.</td> <td style="text-align: center; padding: 2px;">  </td> </tr> </table>	(a) If your answer is $-6 \leq x \leq 0$ draw the following eyebrows.		(b) If your answer is $1 \leq x \leq 3$ draw the following eyebrows.		5. $5x \leq -15$ or $2x \geq 6$ <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">(a) If your answer is $x \leq 3$ or $x \geq -3$ draw the following - mask!</td> <td style="width: 50%; text-align: center; padding: 2px;">  </td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is $x \leq -3$ or $x \geq 3$ draw the following mask!</td> <td style="text-align: center; padding: 2px;">  </td> </tr> </table>	(a) If your answer is $x \leq 3$ or $x \geq -3$ draw the following - mask!		(b) If your answer is $x \leq -3$ or $x \geq 3$ draw the following mask!		6. $-16 < x - 7$ <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">(a) If your answer is $-8 < x$ draw TWO bubbles coming out of the mask!</td> <td style="width: 50%; text-align: center; padding: 2px;">  </td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is $-8 < x$ draw LOTS of bubbles coming out of the mask!</td> <td style="text-align: center; padding: 2px;">  </td> </tr> </table>	(a) If your answer is $-8 < x$ draw TWO bubbles coming out of the mask!		(b) If your answer is $-8 < x$ draw LOTS of bubbles coming out of the mask!	
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7. $x + 6 = 8$ <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">(a) If your answer is $x = 2, -14$ draw the following hair.</td> <td style="width: 50%; text-align: center; padding: 2px;">  </td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is $x = 1$ draw the following hair.</td> <td style="text-align: center; padding: 2px;">  </td> </tr> </table>	(a) If your answer is $x = 2, -14$ draw the following hair.		(b) If your answer is $x = 1$ draw the following hair.		8. $5 < x - 1 < 7$ <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">(a) If your answer is $6 < x < 8$ draw seaweed in the background.</td> <td style="width: 50%; text-align: center; padding: 2px;">  </td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is $4 < x < 6$ draw coral in the background.</td> <td style="text-align: center; padding: 2px;">  </td> </tr> </table>	(a) If your answer is $6 < x < 8$ draw seaweed in the background.		(b) If your answer is $4 < x < 6$ draw coral in the background.		9. $-2 < 1 - x < 3$ <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">(a) If your answer is $-3 < x < 4$ draw an octopus in the background.</td> <td style="width: 50%; text-align: center; padding: 2px;">  </td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is $-4 < x < 3$ draw a jellyfish in the background.</td> <td style="text-align: center; padding: 2px;">  </td> </tr> </table>	(a) If your answer is $-3 < x < 4$ draw an octopus in the background.		(b) If your answer is $-4 < x < 3$ draw a jellyfish in the background.	
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10. $-2 \geq -2x + 4 \geq -6$ <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">(a) If your answer is $-2 \leq x \leq 2$ draw a seashell in the background.</td> <td style="width: 50%; text-align: center; padding: 2px;">  </td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is $-1 \leq x \leq 1$ draw a mermaid in the background.</td> <td style="text-align: center; padding: 2px;">  </td> </tr> </table>	(a) If your answer is $-2 \leq x \leq 2$ draw a seashell in the background.		(b) If your answer is $-1 \leq x \leq 1$ draw a mermaid in the background.		11. $-9x < 18$ or $x + 5 < -2$ <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">(a) If your answer is $x < -3$ or $x > -2$ draw a school of fish in the background.</td> <td style="width: 50%; text-align: center; padding: 2px;">  </td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is $x < -9$ or $x > -7$ draw TWO fish in the background.</td> <td style="text-align: center; padding: 2px;">  </td> </tr> </table>	(a) If your answer is $x < -3$ or $x > -2$ draw a school of fish in the background.		(b) If your answer is $x < -9$ or $x > -7$ draw TWO fish in the background.		12. $x - 11 = 4$ <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">(a) If your answer is $x = 3, 15$ draw a mermaid in the background.</td> <td style="width: 50%; text-align: center; padding: 2px;">  </td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is $x = 2$ draw a shark in the background.</td> <td style="text-align: center; padding: 2px;">  </td> </tr> </table>	(a) If your answer is $x = 3, 15$ draw a mermaid in the background.		(b) If your answer is $x = 2$ draw a shark in the background.	
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Faceing Math Lesson 18 Triangles

Hussin A.Rothana



Faceing Math Lesson 18 Triangles:

The Top Books of the Year Facing Math Lesson 18 Triangles The year 2023 has witnessed a remarkable surge in literary brilliance, with numerous engrossing novels enthralling the hearts of readers worldwide. Lets delve into the realm of popular books, exploring the engaging narratives that have enthralled audiences this year. The Must-Read : Colleen Hoover's "It Ends with Us" This poignant tale of love, loss, and resilience has gripped readers with its raw and emotional exploration of domestic abuse. Hoover masterfully weaves a story of hope and healing, reminding us that even in the darkest of times, the human spirit can prevail. Facing Math Lesson 18 Triangles : Taylor Jenkins Reids "The Seven Husbands of Evelyn Hugo" This intriguing historical fiction novel unravels the life of Evelyn Hugo, a Hollywood icon who defies expectations and societal norms to pursue her dreams. Reids captivating storytelling and compelling characters transport readers to a bygone era, immersing them in a world of glamour, ambition, and self-discovery. Facing Math Lesson 18 Triangles : Delia Owens "Where the Crawdads Sing" This captivating coming-of-age story follows Kya Clark, a young woman who grows up alone in the marshes of North Carolina. Owens weaves a tale of resilience, survival, and the transformative power of nature, captivating readers with its evocative prose and mesmerizing setting. These top-selling novels represent just a fraction of the literary treasures that have emerged in 2023. Whether you seek tales of romance, adventure, or personal growth, the world of literature offers an abundance of engaging stories waiting to be discovered. The novel begins with Richard Papen, a bright but troubled young man, arriving at Hampden College. Richard is immediately drawn to the group of students who call themselves the Classics Club. The club is led by Henry Winter, a brilliant and charismatic young man. Henry is obsessed with Greek mythology and philosophy, and he quickly draws Richard into his world. The other members of the Classics Club are equally as fascinating. Bunny Corcoran is a wealthy and spoiled young man who is always looking for a good time. Charles Tavis is a quiet and reserved young man who is deeply in love with Henry. Camilla Macaulay is a beautiful and intelligent young woman who is drawn to the power and danger of the Classics Club. The students are all deeply in love with Morrow, and they are willing to do anything to please him. Morrow is a complex and mysterious figure, and he seems to be manipulating the students for his own purposes. As the students become more involved with Morrow, they begin to commit increasingly dangerous acts. The Secret History is a masterful and thrilling novel that will keep you guessing until the very end. The novel is a warning tale about the dangers of obsession and the power of evil.

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web use the information in this chart to answer the following questions 1 if i have 125 grams of water at a temperature of 25 C and heat it to 145 C what will the change in enthalpy be 2 sketch the heating curve temperature vs time for the process in 1 3 i have 18.7 grams of an unknown liquid chemical at a temperature of 350 C

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