







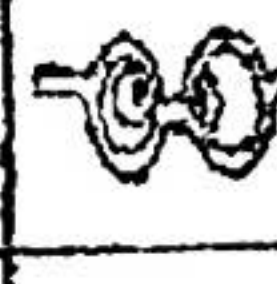

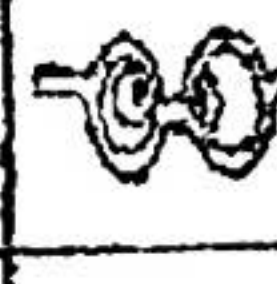





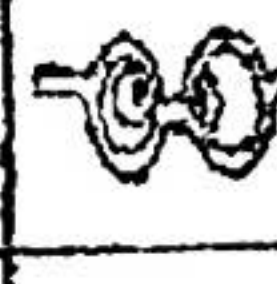






































Lesson 4: Solving Two-Step Equations using Addition, Subtraction, Multiplication, and Division



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

<p>1. $2x + 1 = 7$</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 80%; padding: 2px;">(a) If your answer is $x = 3$ draw the following ears.</td> <td style="width: 20%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is $x = 4$ draw the following ears.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </tbody> </table>	(a) If your answer is $x = 3$ draw the following ears.		(b) If your answer is $x = 4$ draw the following ears.		<p>2. $4x - 2 = 6$</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 80%; padding: 2px;">(a) If your answer is $x = 8$ draw a small patch of hair on the top of the head.</td> <td style="width: 20%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is $x = 2$ draw a small patch of hair above each of the ears.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </tbody> </table>	(a) If your answer is $x = 8$ draw a small patch of hair on the top of the head.		(b) If your answer is $x = 2$ draw a small patch of hair above each of the ears.		<p>3. $-12x - 3 = -51$</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 80%; padding: 2px;">(a) If your answer is $x = 4$ draw the following glasses and eyes.</td> <td style="width: 20%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is $x = -4$ draw the following glasses and eyes.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </tbody> </table>	(a) If your answer is $x = 4$ draw the following glasses and eyes.		(b) If your answer is $x = -4$ draw the following glasses and eyes.	
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<p>4. $14 = 11x + 3$</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 80%; padding: 2px;">(a) If your answer is $x = 1$ draw the following LARGE nose and mustache.</td> <td style="width: 20%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is $x = 11$ draw the following LARGE nose and mustache.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </tbody> </table>	(a) If your answer is $x = 1$ draw the following LARGE nose and mustache.		(b) If your answer is $x = 11$ draw the following LARGE nose and mustache.		<p>5. $-6 + 8x = -38$</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 80%; padding: 2px;">(a) If your answer is $x = 4$ draw the following skinny eyebrows.</td> <td style="width: 20%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is $x = -4$ draw the following bushy eyebrows.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </tbody> </table>	(a) If your answer is $x = 4$ draw the following skinny eyebrows.		(b) If your answer is $x = -4$ draw the following bushy eyebrows.		<p>6. $3 + 6x = 45$</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 80%; padding: 2px;">(a) If your answer is $x = 8$ draw two wrinkle lines on the forehead.</td> <td style="width: 20%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is $x = 7$ draw three wrinkle lines on the forehead.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </tbody> </table>	(a) If your answer is $x = 8$ draw two wrinkle lines on the forehead.		(b) If your answer is $x = 7$ draw three wrinkle lines on the forehead.	
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<p>7. $3x - 10 = -1$</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 80%; padding: 2px;">(a) If your answer is $x = 3$ draw two wrinkle lines on each cheek.</td> <td style="width: 20%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is $x = -3$ draw three wrinkle lines on each cheek.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </tbody> </table>	(a) If your answer is $x = 3$ draw two wrinkle lines on each cheek.		(b) If your answer is $x = -3$ draw three wrinkle lines on each cheek.		<p>8. $25 = 25 + 5x$</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 80%; padding: 2px;">(a) If your answer is $x = 0$ draw a necktie on the shirt.</td> <td style="width: 20%; text-align: center; padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is $x = 1$ draw a bow tie on the shirt.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </tbody> </table>	(a) If your answer is $x = 0$ draw a necktie on the shirt.		(b) If your answer is $x = 1$ draw a bow tie on the shirt.		<p>9. $-2 + 6x = 16$</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 80%; padding: 2px;">(a) If your answer is $x = 3$ write the scientific term for water (H_2O) on the shirt.</td> <td style="width: 20%; text-align: center; padding: 2px;">H_2O</td> </tr> <tr> <td style="padding: 2px;">(b) If your answer is $x = 2$ draw a pencil coming out of a pocket on the shirt.</td> <td style="text-align: center; padding: 2px;"></td> </tr> </tbody> </table>	(a) If your answer is $x = 3$ write the scientific term for water (H_2O) on the shirt.	H_2O	(b) If your answer is $x = 2$ draw a pencil coming out of a pocket on the shirt.	
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10. $2 + 7x = 65$

(a) If your answer is $x = 9$ draw a light bulb above the head.	
(b) If your answer is $x = 8$ draw a broken light bulb above the head.	

11. $20 = 14x - 8$

(a) If your answer is $x = 2$ draw a science beaker with bubbling liquid.	
(b) If your answer is $x = -2$ draw a science beaker on fire.	

12. $2x + 7 = -15$

(a) If your answer is $x = 4$ write the formula $A = \frac{1}{2}bh$ on the background.	$A = \frac{1}{2}bh$
(b) If your answer is $x = -11$ write the formula $E = mc^2$ on the background.	$E = mc^2$

13. $3x + 5 = 14$

(a) If your answer is $x = -3$ color the ears yellow.
(b) If your answer is $x = 3$ color the ears orange.

14. $-10 = -4x - 10$

(a) If your answer is $x = -4$ color the hair on the head brown.
(b) If your answer is $x = 0$ color the hair on the head gray.

15. $5 + 8x = 37$

(a) If your answer is $x = 3$ color the eyes green.
(b) If your answer is $x = 4$ color the eyes blue.

16. $-16x - 2 = 46$

(a) If your answer is $x = -3$ color the glasses purple.
(b) If your answer is $x = 3$ color the glasses red.

17. $19 = 2x + 3$

(a) If your answer is $x = 8$ color the nose pink.
(b) If your answer is $x = 11$ color the nose red.

18. $5x - 7 = -67$

(a) If your answer is $x = -12$ color the mustache gray.
(b) If your answer is $x = 12$ color the mustache brown.

19. $22 = 7 + 3x$

(a) If your answer is $x = 4$
outline all the facial wrinkles in
brown.

(b) If your answer is $x = 5$
outline all the facial wrinkles in
black.

20. $4x + 2 = 10$

(a) If your answer is $x = 2$
color the eyebrows brown.

(b) If your answer is $x = 3$
color the eyebrows gray.

21. $-3x - 4 = 5$

(a) If your answer is $x = 3$
color the tie purple.

(b) If your answer is $x = -3$
color the tie red.

22. $7 + 4x = 27$

(a) If your answer is $x = 5$
outline all the letters/numbers in
black.

(b) If your answer is $x = 4$
outline all the letters/numbers in
red.

23. $12 = 10x + 12$

(a) If your answer is $x = 1$
color the shirt yellow.

(b) If your answer is $x = 0$
color the shirt blue.

24. $2x - 9 = -3$

(a) If your answer is $x = 3$
color the face, neck, & arms orange.

(b) If your answer is $x = -6$
color the face, neck, & arms yellow.

25. $-15 + 4x = 33$

(a) If your answer is $x = 12$
color the light bulb yellow.

(b) If your answer is $x = 48$
color the light bulb orange.

26. $84 = -20x + 4$

(a) If your answer is $x = -4$
color the beaker purple.

(b) If your answer is $x = 4$
color the beaker red.

27. $5x + 4 = 24$

(a) If your answer is $x = 5$
color the background red.

(b) If your answer is $x = 4$
color the background green.

