Solve These Inequalities.

1. $2x - 3 \leq 3$

_____

2. $2 - 3y > 16$

_____

3. $-10x + 2 < -18$

_____

4. $3z - 6 \geq 21$

_____

5. $2v + 11 > 4v - 7 - 16$

_____

6. $2.1x + 2.4 \geq 3.6x - 0.6$

_____

7. $4x - 12 \geq 8$

_____

8. $3x - 8 \leq 22$

_____

9. $4(2y-1) > -7 + 2y$

_____

10. $4(x - 1) \leq 16$

_____

Solving two step inequalities

Directions: Solve each inequality, then use your answer to find the color that corresponds with that problem. Use the corresponding color and the **problem number** to color in the picture.

1. $2x + 1 < 5$

    color:_____

2. $1 + 3x \geq 10$

    color:_____

3. $\dfrac{x + 1}{2} > 4$

    color:_____

4. $\dfrac{3 + x}{3} \leq 1$

    color: _____

5. $4 + 2x \geq 16$

    color:_____

6. $-5x + 2 > 17$

    color:_____

7. $7x - 3 > 32$

    color:_____

8. $-2 - 3x \geq 10$

    color:_____

9. $8 \leq 3x + 2$

    color:_____

10. $12 > 2x - 4$

    color:_____

Turn the Page

Light Blue	Grey	Light Green	Purple	Yellow
X ≥ 2	X > 5	X < -3	X ≤ -4	X > 7

Dark Green	Orange	Red	Dark Blue	Pink
X ≤ 0	X < 8	X < 2	X ≥ 3	X ≥ 6