

# What Do You Call Drilling 4,876 Holes?

Solve each inequality. Find the inequality that describes the solution set and cross out the box containing it. After completing all the exercises, print the letters from the remaining boxes in the spaces at the bottom of the page.

①  $3x - 8 > 10$

②  $-2x + 7 \leq 37$

③  $30 - 8x < 6$

④  $-28 \geq 12x - 4$

⑤  $\frac{x}{4} < 11$

⑥  $\frac{x}{5} - 9 > 3$

⑦  $-\frac{x}{2} + 20 \leq 4$

⑧  $7 - \frac{x}{10} \geq 12$

⑨  $-18 > \frac{x}{6} - 10$

⑩  $\frac{2}{3}x < 14$

⑪  $\frac{2}{5}x - 5 \geq 3$

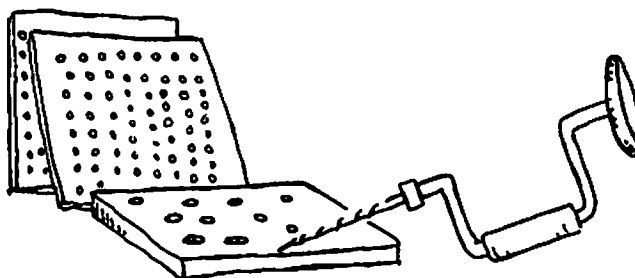
⑫  $-\frac{3}{2}x + 9 \leq 24$

⑬  $-12 \geq 8 - \frac{4}{3}x$

⑭  $\frac{3}{10}x + 21 < 0$

⑮  $30 - 6x \leq 0$

⑯  $13 - \frac{3}{4}x > 13$



HO $x < -70$	DR $x < 44$	AD $x \leq -50$	IL $x > 6$	AB $x < -1$	LE $x \geq -10$	AD $x < 0$
IG $x < -48$	OR $x \geq 31$	BI $x > 3$	SP $x \geq 5$	TH $x > 60$	IN $x > 9$	TO $x \geq 20$
HO $x \geq 32$	GJ $x \leq -4$	LE $x \geq -15$	SL $x \geq 15$	OB $x < 19$	OW $x < 21$	LE $x \leq -2$

# Why Was Professor Clabberhead Utterbunk Holding Up a Piece of Bread ?

Solve each inequality below. In the answer column, find the inequality that describes the solution set and notice the letter next to it. Print this letter in each box at the bottom of the page that contains the number of that exercise.



①  $5x + 2 > 3x + 10$

②  $8 + 2x \leq 6x - 20$

③  $4x + 49 < 9 - x$

④  $9x - 99 \geq 18x$

⑤  $3(x - 4) > 15$

⑥  $28 < 4(5 - 2x)$

⑦  $3(2n + 1) \geq 4n + 9$

⑧  $3n - 10 \leq 7(2 + n)$

⑨  $-4(2n - 6) < n + 6$

⑩  $2(7n - 1) \geq 3(5 - n)$

⑪  $7n - 2(n + 5) < 3n - 16$

⑫  $4(1 - 3n) - 14 > 4(2n + 3) - 9n$

Ⓛ  $n \geq 5$

ⓖ  $n \geq -6$

Ⓐ  $x < -8$

Ⓞ  $n < -3$

Ⓡ  $x > 4$

Ⓢ  $x < -1$

Ⓤ  $x < 10$

⓲  $x \leq -11$

Ⓟ  $n \geq 1$

Ⓝ  $x \geq 7$

Ⓣ  $n < -2$

Ⓔ  $n \geq 3$

Ⓦ  $n > 2$

Ⓜ  $n < -5$

ⓗ  $x > 9$

5	7	9	3	6	10	1	11	10	11	6	4	2	8	3	12	11	3	6	12
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