

CYU 1.2 Symbols & Sets of Numbers Day ONE

Use when you get it right all by yourself

S *Use when you did it all by yourself, but made a silly mistake*

H *Use when you could do it alone with a little help from teacher or peer*

G *Use when you completed the problem in a group*

X *Use when a question was attempted but wrong (get help)*

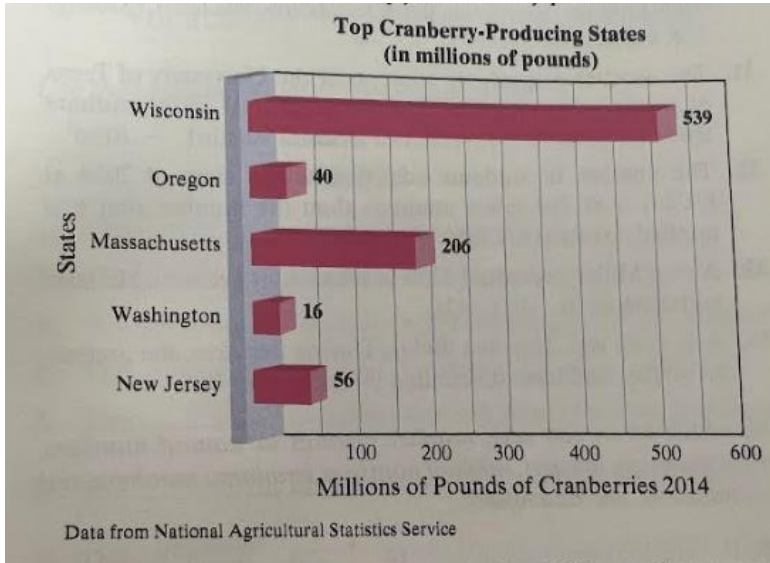
N *Use when a question was not even attempted*

CONCEPTS	BASIC	INTERMEDIATE	ADVANCED
Inequalities	1, 4	4c	2, 3, 11, 12
Translating words into mathematical sentences	5, 6, 8	7, 9	10

- Insert $>$, $<$, or $=$ in the appropriate space to make the statement true.
 - $7 \quad 3$
 - $6.26 \quad 6.26$
 - $0 \quad 7$
 - $-2 \quad 2$
 - $-4 \quad -6$
- The freezing point of water is 32° Fahrenheit. The boiling points of water is 212° Fahrenheit. Write an inequality statement using $<$ or $>$ comparing the numbers 32 and 212.
- An angle measuring 30° is shown and an angle measuring 45° is shown. Use the inequality symbol \leq or \geq to write a statement comparing the numbers 30 and 45.
- Determine if the following statements are true or false.
 - $11 \leq 11$
 - $10 > 11$
 - $3 + 8 \geq 3(8)$
 - $9 > 0$
 - $-6 > -2$
- Translate the sentence into a mathematical statement: *Eight is less than twelve.*
- Translate the sentence into a mathematical statement: *Five is greater than or equal to four.*
- Translate the sentence into a mathematical statement: *Fifteen is not equal to negative two.*
- Translate the sentence into a mathematical statement: *Fifteen is greater than five.*

9. Translate the sentence into a mathematical statement: *Negative ten is less than or equal to thirty-seven.*

10. Translate the sentence into a mathematical statement: *Negative seven is not equal to seven.*



11. Write an inequality comparing the 2014 cranberry production in Oregon with the 2014 cranberry production in Washington.

12. Determine the difference between the 2014 cranberry production in Washington and the 2014 cranberry production in New Jersey.

CYU Reflection: *How far can you go: basic, intermediate, or advanced?*

Rate your mastery level!

How confident are you with the skills this CYU covered? Circle the score you would give yourself.

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1	2	3	4	5	6	7	8
Basic		Intermediate			Advanced		Solved ALL!

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