

Printable Worksheets from sofatutor.com

From Equations to Inequalities



1	Recall the definitions of the mathematical relation signs.
2	Compare the amount of fishes skeeter fished with the catching limit of 999 lbs. per month.
3	Express the given problem exactly.
4	Find the mistakes.
5	Find the right expression.
6	Explain the expression.
+	with lots of tips, answer keys, and detailed answer explanations for all of the problems.



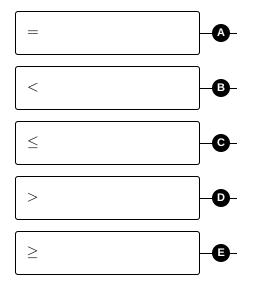
The complete package, including all problems, hints, answers, and detailed answer explanations is available for all sofatutor.com subscribers.

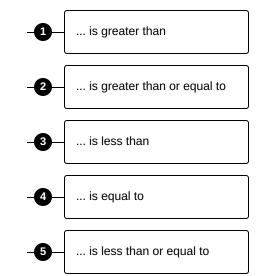




Recall the definitions of the mathematical relation signs.

Match the elements.







Hints for solving these problems



Recall the definitions of the mathematical relation signs.

Hint #1

999 = 999

This is an example for the = sign.

Hint #2

- 800 < 999
- 999 ≮ 999

When we want both < and = to be true, we use \le :

- $800 \le 999$
- $999 \le 999$

Hint #3

- 1250 > 999
- 999 ≯ 999

When we want both > and = to be true, we use \ge :

- $1250 \ge 999$
- $999 \ge 999$



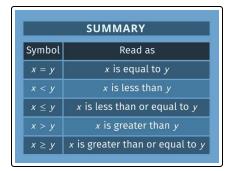


Answers and detailed answer explanations for these problems



Recall the definitions of the mathematical relation signs.

Answer key: A—4 // B—3 // C—5 // D—1 // E—2



Here you see the summary for all relation signs:

- = stands for **is equal to**. For example, 999 = 999.
- < stands for **is less than**. For example, 800 < 999.
- \leq stands for **is less than or equal to**. For example, $800 \leq 999$ as well as $999 \le 999$.
- > stands for **is greater than**. For example, 1250 > 999.

 \geq stands for **is greater than or equal to** . For example, $1250 \geq 999$ and also $999 \geq 999$.

