

Comparing Statements

1. $\underline{5} \times 4 = \underline{20} \geq \underline{5} \times 3 = \underline{15}$
2. A. $12 \leq 20$; B. $24 \equiv 24$
3. $3 \times 6 \leq 4 \times 8$
4. Various answers, for example: 3×3 ; 2×4 ; 8×1 ; 5×2
5. No, I disagree. Both statements cannot be completed with the same symbol, they require different symbols. A. $7 \times 4 = 28$ and $88 \div 8 = 11$. A requires the greater than symbol because $28 > 11$. B. $96 \div 8 = 12$ and $5 \times 3 = 15$. B requires the less than symbol because $12 < 15$.
6. Yes, Logan is correct. It can be completed in the following ways: $36 \div 3 < 9 \times 4 > 8 + 8$ or $8 + 8 < 9 \times 4 > 36 \div 3$. 9×4 cannot go in any other part of the statement as it has the largest total, therefore there is no other way that the statement can be completed.