



Numerical Expressions

Name: _____

Date: _____

Grade: Grade 5

Part A: Fill in the Blank

Write the missing word or number on each line.

1. Without calculating, $6 \times (15 + 4)$ _____ $5 \times (15 + 4)$. Use $>$, $<$, or $=$.
2. Without calculating, $(30 - 7) \div 2$ _____ $(30 - 7) \times 2$. Use $>$, $<$, or $=$.
3. Without calculating, $4 \times (9 + 3)$ _____ $4 \times (9 + 5)$. Use $>$, $<$, or $=$.
4. Without calculating, $(8 + 12) \times 3$ _____ $3 \times (12 + 8)$. Use $>$, $<$, or $=$.
5. Without calculating, $(40 \div 5) + 10$ _____ $(40 \div 5) + 7$. Use $>$, $<$, or $=$.
6. Without calculating, $2 \times (16 + 9)$ _____ $(16 + 9)$. Use $>$, $<$, or $=$.
7. Without calculating, $(50 - 20) \div 6$ _____ $(50 - 20) \div 3$. Use $>$, $<$, or $=$.
8. Without calculating, $7 \times (11 - 4)$ _____ $7 \times (11 - 4)$. Use $>$, $<$, or $=$.
9. Without calculating, $10 \times (5 + 3)$ _____ $9 \times (5 + 3)$. Use $>$, $<$, or $=$.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

$3 \times (20 + 5)$ compared to $(20 + 5)$	→ _____	equal – same expression
$(48 \div 6)$ compared to $(48 \div 2)$	→ _____	second is larger – dividing by smaller gives more
$(14 + 6) \times 4$ compared to $(14 + 6) \times 4$	→ _____	first is 3 times as large
$2 \times (9 + 1)$ compared to 8	→ _____	second is larger – 8

Answer Key • Numerical Expressions • Grade: Grade 5

Part A: Fill in the Blank

Write the missing word or number on each line.

- Without calculating, $6 \times (15 + 4)$ > $5 \times (15 + 4)$. Use >, <, or =.
- Without calculating, $(30 - 7) \div 2$ < $(30 - 7) \times 2$. Use >, <, or =.
- Without calculating, $4 \times (9 + 3)$ < $4 \times (9 + 5)$. Use >, <, or =.
- Without calculating, $(8 + 12) \times 3$ = $3 \times (12 + 8)$. Use >, <, or =.
- Without calculating, $(40 \div 5) + 10$ > $(40 \div 5) + 7$. Use >, <, or =.
- Without calculating, $2 \times (16 + 9)$ > $(16 + 9)$. Use >, <, or =.
- Without calculating, $(50 - 20) \div 6$ < $(50 - 20) \div 3$. Use >, <, or =.
- Without calculating, $7 \times (11 - 4)$ = $7 \times (11 - 4)$. Use >, <, or =.
- Without calculating, $10 \times (5 + 3)$ > $9 \times (5 + 3)$. Use >, <, or =.

Part B: Matching

Match each item on the left to the correct answer on the right.

- Match each item to its correct answer.

$3 \times (20 + 5)$ compared to $(20 + 5)$	→ <u>first is 3 times as large</u>	equal – same expression
$(48 \div 6)$ compared to $(48 \div 2)$	→ <u>second is larger – dividing by smaller gives more</u>	second is larger – dividing by smaller gives more
$(14 + 6) \times 4$ compared to $(14 + 6)$ $\times 4$	→ <u>equal – same expression</u>	first is 3 times as large
$2 \times (9 + 1)$ compared to $8 \times (9 + 1)$	→ <u>second is larger – 8 times vs. 2 times</u>	second is larger – 8 times vs. 2 times