

COMPARING NUMBERS

ANSWERS



IF YOU GET CONFUSED ABOUT WHICH WAY THE INEQUALITY SIGNS ARE SUPPOSE TO GO, THINK OF A HUNGRY ALLIGATOR WHO IS SO HUNGRY SHE WANTS TO EAT THE GREATER OR BIGGER NUMBER.

HELPFUL EXAMPLES

Less Than

$$12 \times 12 < 11 \times 14$$

12 x 12 is less than 11 x 14

Greater Than

$$23 - 36 > 14 - 30$$

23 - 36 is greater than 14 - 30

Equal To

$$2 \times 5 = 40 \div 4$$

2 x 5 is equal to 40 ÷ 4

Write the inequality sign for each problem and then write what the sign means in word form.

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|-----|------------------|-------------------------------------|-----------------|------------------|------------------------|-----------------|
| 1. | $84 \div 7$ | <input "="" type="text" value="="/> | $72 \div 6$ | $84 \div 7$ | is equal to | $72 \div 6$ |
| 2. | 15×15 | <input type="text" value="<"/> | 14×17 | 15×15 | is less than | 14×17 |
| 3. | $11 - 19$ | <input type="text" value=">"/> | $-7 - 8$ | $11 - 19$ | is greater than | $-7 - 8$ |
| 4. | $86 + 78$ | <input type="text" value=">"/> | $87 + 68$ | $86 + 78$ | is greater than | $87 + 68$ |
| 5. | $72 \div 3$ | <input "="" type="text" value="="/> | 6×4 | $72 \div 3$ | is equal to | 6×4 |
| 6. | 4×-6 | <input type="text" value="<"/> | -3×-8 | 4×-6 | is less than | -3×-8 |
| 7. | 5×5 | <input type="text" value="<"/> | $78 \div 3$ | 5×5 | is less than | $78 \div 3$ |
| 8. | $97 - 35$ | <input type="text" value=">"/> | $84 - 23$ | $97 - 35$ | is greater than | $84 - 23$ |
| 9. | 5.5×30 | <input type="text" value="<"/> | 20×9 | 5.5×30 | is less than | 20×9 |
| 10. | $71 - 5.7$ | <input type="text" value=">"/> | $81 - 15.73$ | $71 - 5.7$ | is greater than | $81 - 15.73$ |
| 11. | $43 + 59$ | <input "="" type="text" value="="/> | $83 + 19$ | $43 + 59$ | is equal to | $83 + 19$ |
| 12. | 2.2×1.4 | <input "="" type="text" value="="/> | 2×1.54 | 2.2×1.4 | is equal to | 2×1.54 |
| 13. | $18 - 23$ | <input type="text" value=">"/> | $34 - 46$ | $18 - 23$ | is greater than | $34 - 46$ |
| 14. | $6.9 \div 5$ | <input type="text" value="<"/> | $4.2 \div 3$ | $6.9 \div 5$ | is less than | $4.2 \div 3$ |
| 15. | -8×-7 | <input "="" type="text" value="="/> | 14×4 | -8×-7 | is equal to | 14×4 |
| 16. | $-52 + 28$ | <input type="text" value=">"/> | $-15 - 15$ | $-52 + 28$ | is greater than | $-15 - 15$ |
| 17. | $82 \div 2$ | <input type="text" value=">"/> | 5×8 | $82 \div 2$ | is greater than | 5×8 |
| 18. | 56×12 | <input type="text" value="<"/> | 40×19 | 56×12 | is less than | 40×19 |
| 19. | $27 \div -3$ | <input type="text" value="<"/> | $-42 \div 6$ | $27 \div -3$ | is less than | $-42 \div 6$ |
| 20. | $6.2 - 6.7$ | <input type="text" value=">"/> | $-1.8 - 2.3$ | $6.2 - 6.7$ | is greater than | $-1.8 - 2.3$ |