

# 6.2 Why Did the Little Leaguer Chase His Sister?



For each exercise, write the letter of the answer in the box containing the exercise number. If the answer has a , shade in the box instead of writing a letter in it.



- |                                   |                                 |                                 |                       |
|-----------------------------------|---------------------------------|---------------------------------|-----------------------|
| <b>1</b> $3n > 24$                | <b>2</b> $-3n > 24$             | <b>3</b> $n - 3 > 24$           | <b>E</b> $n > 27$     |
|                                   |                                 |                                 | <b>A</b> $n > 8$      |
|                                   |                                 |                                 | <b>S</b> $n < 27$     |
|                                   |                                 |                                 | <b>T</b> $n < -8$     |
| <b>4</b> $-5y \leq 30$            | <b>5</b> $-5y \geq -30$         | <b>6</b> $5y \leq -30$          | <b>S</b> $y \leq 6$   |
|                                   |                                 |                                 | <b>B</b> $y \geq 6$   |
|                                   |                                 |                                 | <b>S</b> $y \leq -6$  |
|                                   |                                 |                                 | <b>I</b> $y \geq -6$  |
| <b>7</b> $\frac{a}{2} < 9$        | <b>8</b> $-\frac{a}{2} > 9$     | <b>9</b> $-\frac{a}{2} < -9$    | <b>V</b> $a > -18$    |
|                                   |                                 |                                 | <b>A</b> $a < -18$    |
|                                   |                                 |                                 | <b>S</b> $a > 18$     |
|                                   |                                 |                                 | <b>E</b> $a < 18$     |
| <b>10</b> $x + 7 \leq -4$         | <b>11</b> $\frac{x}{7} \geq -4$ | <b>12</b> $-\frac{x}{7} \geq 4$ | <b>P</b> $x \geq -28$ |
|                                   |                                 |                                 | <b>N</b> $x \leq -28$ |
|                                   |                                 |                                 | <b>U</b> $x \leq 28$  |
|                                   |                                 |                                 | <b>H</b> $x \leq -11$ |
| <b>13</b> $32 > 16k$              | <b>14</b> $32 > -16k$           | <b>15</b> $-16k < -32$          | <b>S</b> $k > -2$     |
|                                   |                                 |                                 | <b>A</b> $k < 2$      |
|                                   |                                 |                                 | <b>G</b> $k > 2$      |
|                                   |                                 |                                 | <b>D</b> $k < -2$     |
| <b>16</b> $-\frac{1}{4}q \leq 20$ | <b>17</b> $-20 \geq q - 4$      | <b>18</b> $-20 \geq -4q$        | <b>R</b> $q \leq -16$ |
|                                   |                                 |                                 | <b>X</b> $q \leq -5$  |
|                                   |                                 |                                 | <b>H</b> $q \geq -80$ |
|                                   |                                 |                                 | <b>S</b> $q \geq 5$   |
| <b>19</b> $15 > -\frac{1}{3}b$    | <b>20</b> $-15 < -\frac{b}{3}$  | <b>21</b> $-b > 45$             | <b>F</b> $b > 45$     |
|                                   |                                 |                                 | <b>C</b> $b < -45$    |
|                                   |                                 |                                 | <b>W</b> $b > -45$    |
|                                   |                                 |                                 | <b>Y</b> $b < 45$     |
| <b>22</b> $60 \geq -12x$          | <b>23</b> $22 \geq x + 27$      | <b>24</b> $99 \leq -x$          | <b>C</b> $x \leq -99$ |
|                                   |                                 |                                 | <b>H</b> $x \geq -5$  |
|                                   |                                 |                                 | <b>S</b> $x \geq -99$ |
|                                   |                                 |                                 | <b>L</b> $x \leq -5$  |

16	3	9	19	1	6	14	11	23	8	20	4	12	15	18	21	13	2	24	10	5	22	7	17
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