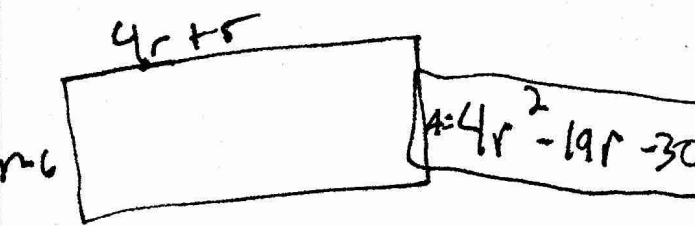


Simultaneous Round Table

Do - Check - Agree - Pass

| | | | | | | | | | | | | | |
|---|---|---------|----------|--------------|--------------|-----------|---|--|---------|-----|------------|------|------------|
| <p>Write the equation in standard form</p> $y = -3x^2(x - 5)$ $y = -3x^2(x) - 3x^2(-5)$ $y = -3x^3 + 15x^2$ | <p>Write the equation in standard form</p> $y = (3x - 4)(3x - 2)$ $y = 3x(3x) + 3x(-2) - 4(3x) - 4(-2)$ $y = 9x^2 - 6x - 12x + 8$ $y = 9x^2 - 18x + 8$ | | | | | | | | | | | | |
| <p>Write the equation in standard form</p> $y = (2x - 3)^2 + 1$ $y = (2x - 3)(2x - 3) + 1$ $y = 2x(2x) + 2x(-3) - 3(2x) - 3(-3) + 1$ $y = 4x^2 - 6x - 6x + 9 + 1 \rightarrow y = 4x^2 - 12x + 10$ | <p>Write the equation in standard form</p> $y = -4(2x - 5)(2x + 5)$ $y = -4(4x^2 - 25)$ $y = -16x^2 + 100$ <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td></td> <td>$2x - 5$</td> </tr> <tr> <td>$2x$</td> <td>$4x^2 - 10x$</td> </tr> <tr> <td>$+5$</td> <td>$10x - 25$</td> </tr> </table> | | $2x - 5$ | $2x$ | $4x^2 - 10x$ | $+5$ | $10x - 25$ | | | | | | |
| | $2x - 5$ | | | | | | | | | | | | |
| $2x$ | $4x^2 - 10x$ | | | | | | | | | | | | |
| $+5$ | $10x - 25$ | | | | | | | | | | | | |
| <p>Find the area of a rectangular garden with the dimensions $(4r + 5)$ and $(r - 6)$</p>  $A = 4r^2 - 19r - 30$ <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td></td> <td>$r - 6$</td> </tr> <tr> <td>$4r$</td> <td>$4r^2 - 24r$</td> </tr> <tr> <td>5</td> <td>$5r - 30$</td> </tr> </table> | | $r - 6$ | $4r$ | $4r^2 - 24r$ | 5 | $5r - 30$ | <p>Write the equation in standard form</p> $y = -2(x - 5)^2 + 3$ $y = -2(x - 5)(x - 5) + 3$ $y = -2(x^2 - 10x + 25) + 3$ $y = -2x^2 + 20x - 50 + 3$ $y = -2x^2 + 20x - 47$ <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td></td> <td>$x - 5$</td> </tr> <tr> <td>x</td> <td>$x^2 - 5x$</td> </tr> <tr> <td>-5</td> <td>$-5x + 25$</td> </tr> </table> | | $x - 5$ | x | $x^2 - 5x$ | -5 | $-5x + 25$ |
| | $r - 6$ | | | | | | | | | | | | |
| $4r$ | $4r^2 - 24r$ | | | | | | | | | | | | |
| 5 | $5r - 30$ | | | | | | | | | | | | |
| | $x - 5$ | | | | | | | | | | | | |
| x | $x^2 - 5x$ | | | | | | | | | | | | |
| -5 | $-5x + 25$ | | | | | | | | | | | | |