

More Functions and Relations

1. What is a relation? _____
2. What is a function? _____
3. What is an input? _____ What variable do we usually use to represent our input? _____
4. What is an output? _____ What variable do we usually use to represent our output? _____
5. What does domain mean? _____
6. What does range mean? _____

Determine whether the relationship is a function. EXPLAIN why or why not.

<p>7. When students audition for choir, Mrs. Thomson puts each student into one section: Soprano, Alto, Tenor, or Bass.</p> <p style="text-align: center;">Function? yes or no</p> <p style="text-align: center;">Explain:</p>	<p>8. $\{(2, 2), (3, 3), (6, 5), (3, 1)\}$</p> <p style="text-align: center;">Function? yes or no</p> <p style="text-align: center;">Explain:</p>														
<p>9.</p> <div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> </div> <div> <p style="text-align: center;">Function?</p> <p style="text-align: center;">yes or no</p> <p style="text-align: center;">Explain:</p> </div> </div>	<p>10.</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="padding: 5px;">Input</th> <th style="padding: 5px;">Output</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">-3</td> <td style="padding: 5px;">1</td> </tr> <tr> <td style="padding: 5px;">-5</td> <td style="padding: 5px;">3</td> </tr> <tr> <td style="padding: 5px;">-7</td> <td style="padding: 5px;">9</td> </tr> <tr> <td style="padding: 5px;">1</td> <td style="padding: 5px;">8</td> </tr> <tr> <td style="padding: 5px;">7</td> <td style="padding: 5px;">3</td> </tr> <tr> <td style="padding: 5px;">-5</td> <td style="padding: 5px;">10</td> </tr> </tbody> </table> <p style="margin-left: 20px;">Function? yes or no</p> <p style="margin-left: 20px;">Explain:</p>	Input	Output	-3	1	-5	3	-7	9	1	8	7	3	-5	10
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