

Quiz: Parallel and Perpendicular Lines

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| 1 | $l_1 \parallel l_2$ If the slope of l_1 is $x/4$, and the slope of l_2 is $(x+6)/8$, find the value of x . | 2 | $l_1 \perp l_2$ If the slope of l_1 is $3/5$, and the slope of l_2 is $4/(x-6)$, find the value of x . |
| 3 | Find the slope of a line parallel to a line whose slope is $-(1/8)$. | 4 | Find the slope of the line perpendicular to a line whose slope is $-(5/3)$. |
| 5 | Find the slope of a line parallel to the line whose equation is $6y + 8x = 7$. | 6 | Find the slope of a line perpendicular to the line whose equation is $4y + 2x = 7$. |
| 7 | $l_1 \parallel l_2$ If the slope of l_1 is $x/8$, and the slope of l_2 is $(x+5)/4$, find the value of x . | 8 | $l_1 \perp l_2$ If the slope of l_1 is $1/6$, and the slope of l_2 is $8/(x-3)$, find the value of x . |
| 9 | Find the slope of a line parallel to a line whose slope is $-(4/6)$. | 10 | Find the slope of the line perpendicular to a line whose slope is $-(6/8)$. |

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| Circle # Correct | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Percentage Score | 0% | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% |