

Quiz: Parallel and Perpendicular Lines

1. $l_1 \parallel l_2$. If the slope of l_1 is $x/1$ and slope of l_2 is $x/4$. Find the value of x .

2. Is the equation $y = 6x - 7$ parallel to $y - 2x = 9$?

3. $l_1 \parallel l_2$. If the slope of l_1 is $8/18$ and slope of l_2 is $4x-6$. Find the value of x .

4. Find the slope of line parallel to a line whose slope is $-7/5$.

5. Find the slope of line perpendicular to line whose line slope is $2/10$.

6. Find the slope of line parallel to a line whose equation is:
 $y - 6x = 20$.

7. Find the slope of line perpendicular to a line whose equation is:
 $y - 12x = 10$.

8. Find the equation of the line parallel to the line whose equation is:
 $y = x-15$ and whose y -intercept is 9.

9. Find the equation of the line perpendicular to the line whose equation is $8y-2x=2$ and whose y -intercept is 6.

10. Find the equation of line perpendicular to the line whose equation is $y - 3x =9$ and which passes through the point $(-2, -3)$.

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%