

Quiz: Factoring Application

1 The area of a rectangle is given as $x^2 - 6x + 63$ square feet. If the width of room is $(x-7)$, what is the length?

2 A carpet area of room is $y^2 - y - 30$, and width is $(y-6)$. What is the length?

3 The length of a rectangular plot is $(m-1)$ and width is $(m+9)$. What is the area?

4 A garden is $(x+1)$ meters wide and $(x+1)$ in length. What is the area?

5 The area of a rectangular plot is $x^2 - 15x + 15$ and length $(x-5)$. What is the width?

6 The dimensions of a plot are $(m-9)$ and $(m+10)$. Find the area.

7 The area of a rectangle is given as $y^2 - 11y + 30$ square feet. If the width of room is $(y-6)$, what is the length?

8 The length of a rectangular plot is $(x-7)$ and width is $(x+8)$. What is the area?

9 The dimensions of a plot is $(m-3)$ and $(m-8)$. Find the area.

10 A carpet area of room is $m^2 - 11m + 18$, and width is $(m-9)$. What is the length?

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%