

**Answer on Question #44715 – Math - Algebra**

$$(x-4)/(x^2-9x+20)$$

**Solution**

$$\frac{x-4}{x^2-9x+20} = \frac{x-4}{(x^2-4x)-(5x-20)} = \frac{x-4}{x(x-4)-5(x-4)} = \frac{x-4}{(x-4)(x-5)} = \frac{1}{x-5}$$