limit

selesaikan soal berikut ini:

1. $\lim_{x=2} \frac{3x+6}{x+2} = \frac{3\square + 6}{\square + 2}$

$= \frac{\square}{\square}$

$= \square$

2. $\lim_{x=3} \frac{x^2 - 2x - 3}{x^2 - 9} = \lim_{x=3} \frac{(\square - \square)(\square + \square)}{(\square - \square)(\square + \square)}$

$= \lim_{x=3} \frac{x + \square}{x + \square}$

$= \frac{\square}{\square}$

3. $\lim_{x=3} \frac{x - 9}{\sqrt{x} - 3} = \frac{x - 9 \quad \sqrt{\square} + \square}{(\sqrt{x} - 3 \quad) \sqrt{\square} + \square}$

$= \frac{x - 9 \quad \sqrt{x} + 3}{x - \square}$

$= \sqrt{x} + 3$

$= \sqrt{\square} + \square$

$= \sqrt{9}$

$= \square$

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LIVEWORKSHEETS