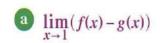
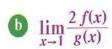
# نماذج أسئله أمتحان تقييمي أول 2022 / 2023 فصل أول

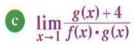
عمل / أ . أحمد نصار

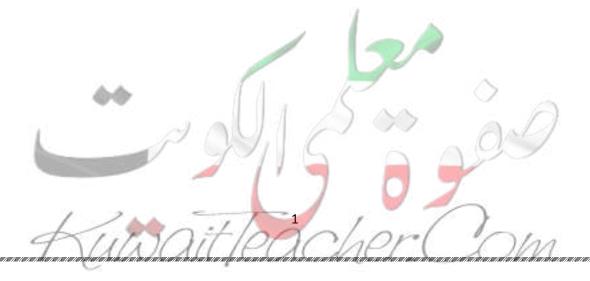
<u>(1)</u>

 $\lim_{x \to 1} f(x) = -2$  ,  $\lim_{x \to 1} g(x) = 5$ ; بفرض أنَّ: أوجد:









<u>(2)</u>

$$\lim_{x \to 2} \frac{(x+1)^2 - 9}{x^2 - 2x}$$

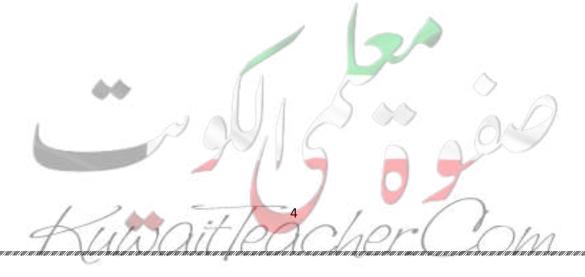


<u>(3)</u>

1 i m 
$$\frac{|x-1|}{x^2-1}$$

<u>(4)</u>

$$\lim_{x\to 0} \frac{(2+x)^3-8}{x}$$

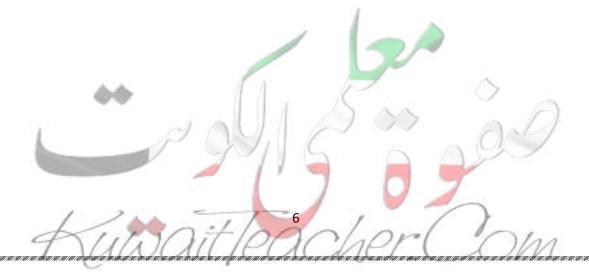


<u>(5)</u>

$$\lim_{x \to 1} \frac{x-1}{\sqrt[3]{x-1}}$$

<u>(6)</u>

$$\lim_{x \to -2} \frac{x^2 - 4}{\sqrt[3]{x + 2}}$$



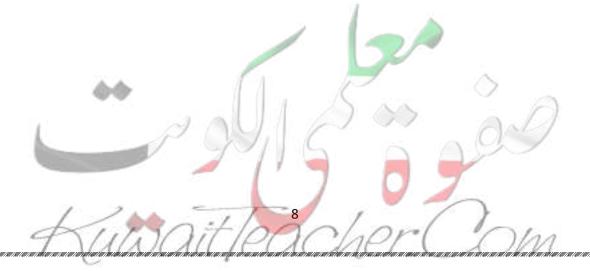
<u>(7)</u>

$$\lim_{x\to 2}\frac{\sqrt{2x-3}-1}{x-2}$$



<u>(8)</u>

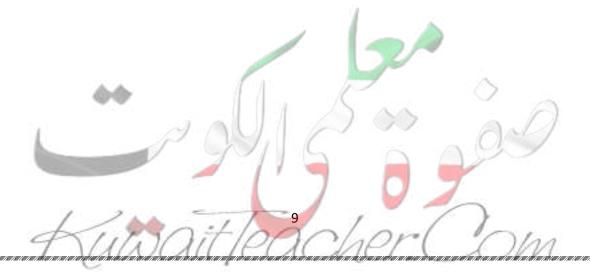
$$\lim_{x \to -2} \frac{x^5 + 32}{x + 2}$$



<u>(9)</u>

أوجد:

$$\lim_{x\to-\infty}\frac{\sqrt{3x^2-5x+1}}{3x-5}$$



(10)

$$\lim_{x \to \infty} \frac{x-2}{\sqrt{x^2+2x-4}}$$

: حيث اتصال الدالة 
$$f$$
 عند  $x=0$  عند

$$f(x) = \begin{cases} \frac{x^2 - 3x}{|x|} & : x \neq 0 \\ -3 & : x = 0 \end{cases}$$



#### <u>(12)</u>

$$f(x)=\left\{ egin{array}{ll} \dfrac{x^2-9}{x-3} &: x>3 \\ 7 &: x\leq 3 \end{array} 
ight.$$
 ابحث اتصال الدالة  $f$  عند  $f$  عند  $f$ 

