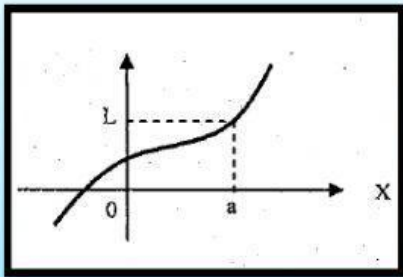


แบบฝึกหัดที่ 1 เรื่อง การหาลิมิตของฟังก์ชันจากกราฟ

1. จากกราฟในแต่ละข้อ จงหาค่าต่าง ๆ ตามที่กำหนด

(1)



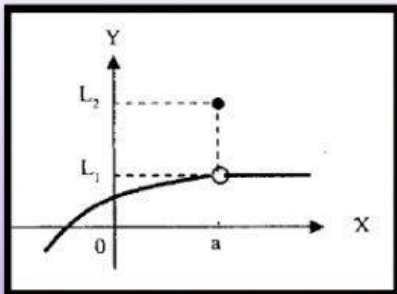
ก. $f(a) = \dots\dots\dots$

ข. $\lim_{x \rightarrow a^-} f(x) = \dots\dots\dots$

ค. $\lim_{x \rightarrow a^+} f(x) = \dots\dots\dots$

ง. $\lim_{x \rightarrow a} f(x) = \dots\dots\dots$

(2)



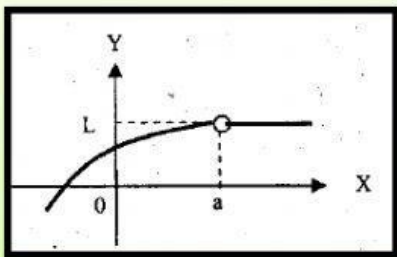
ก. $f(a) = \dots\dots\dots$

ข. $\lim_{x \rightarrow a^-} f(x) = \dots\dots\dots$

ค. $\lim_{x \rightarrow a^+} f(x) = \dots\dots\dots$

ง. $\lim_{x \rightarrow a} f(x) = \dots\dots\dots$

(3)



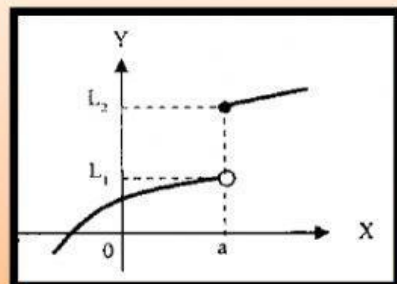
ก. $f(a) = \dots\dots\dots$

ข. $\lim_{x \rightarrow a^-} f(x) = \dots\dots\dots$

ค. $\lim_{x \rightarrow a^+} f(x) = \dots\dots\dots$

ง. $\lim_{x \rightarrow a} f(x) = \dots\dots\dots$

(4)



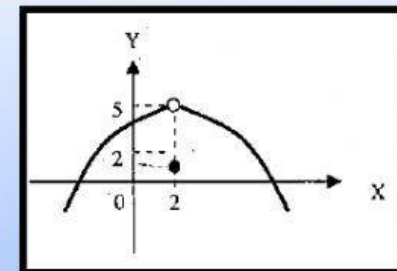
ก. $f(a) = \dots\dots\dots$

ข. $\lim_{x \rightarrow a^-} f(x) = \dots\dots\dots$

ค. $\lim_{x \rightarrow a^+} f(x) = \dots\dots\dots$

ง. $\lim_{x \rightarrow a} f(x) = \dots\dots\dots$

(5)



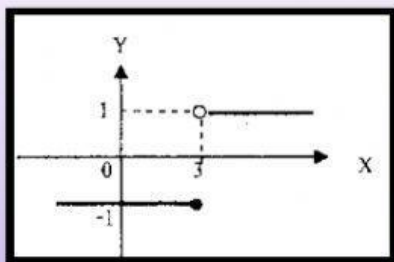
ก. $f(2) = \dots\dots\dots$

ข. $\lim_{x \rightarrow 2^-} f(x) = \dots\dots\dots$

ค. $\lim_{x \rightarrow 2^+} f(x) = \dots\dots\dots$

ง. $\lim_{x \rightarrow 2} f(x) = \dots\dots\dots$

(6)



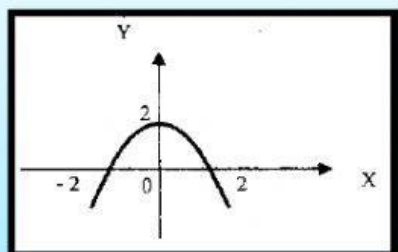
$$n. f(3) = \dots\dots\dots$$

$$u. \lim_{x \rightarrow 3^-} f(x) = \dots\dots\dots$$

$$n. \lim_{x \rightarrow 3^+} f(x) = \dots\dots\dots$$

$$u. \lim_{x \rightarrow 3} f(x) = \dots\dots\dots$$

(7)



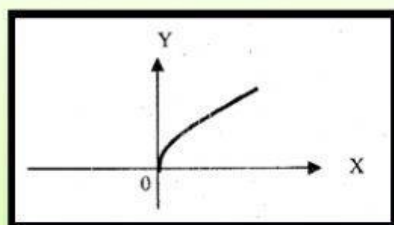
$$n. f(0) = \dots\dots\dots$$

$$u. \lim_{x \rightarrow 0^-} f(x) = \dots\dots\dots$$

$$n. \lim_{x \rightarrow 0^+} f(x) = \dots\dots\dots$$

$$u. \lim_{x \rightarrow 0} f(x) = \dots\dots\dots$$

(8)



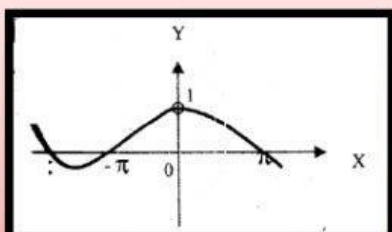
$$n. f(0) = \dots\dots\dots$$

$$u. \lim_{x \rightarrow 0^-} f(x) = \dots\dots\dots$$

$$n. \lim_{x \rightarrow 0^+} f(x) = \dots\dots\dots$$

$$u. \lim_{x \rightarrow 0} f(x) = \dots\dots\dots$$

(9)



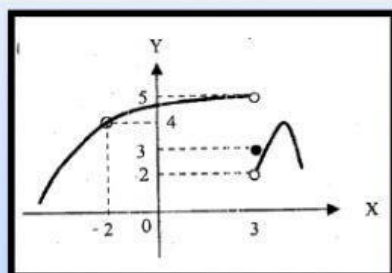
$$n. f(0) = \dots\dots\dots$$

$$u. \lim_{x \rightarrow 0^-} f(x) = \dots\dots\dots$$

$$n. \lim_{x \rightarrow 0^+} f(x) = \dots\dots\dots$$

$$u. \lim_{x \rightarrow 0} f(x) = \dots\dots\dots$$

(10)



$$n. f(-2) = \dots\dots\dots$$

$$u. \lim_{x \rightarrow 2^-} f(x) = \dots\dots\dots$$

$$n. \lim_{x \rightarrow 2^+} f(x) = \dots\dots\dots$$

$$u. \lim_{x \rightarrow 2} f(x) = \dots\dots\dots$$

$$n. f(3) = \dots\dots\dots$$

$$u. \lim_{x \rightarrow 3^-} f(x) = \dots\dots\dots$$

$$u. \lim_{x \rightarrow 3^+} f(x) = \dots\dots\dots$$

$$u. \lim_{x \rightarrow 3} f(x) = \dots\dots\dots$$