

眉山市高一数学上册期中考试摸底考试题

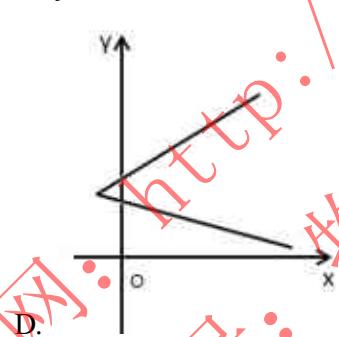
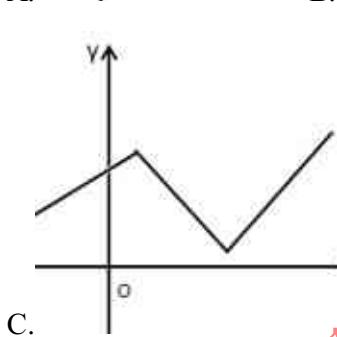
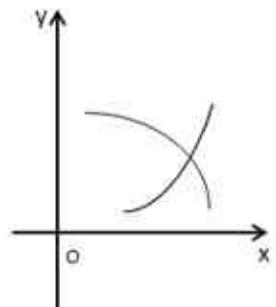
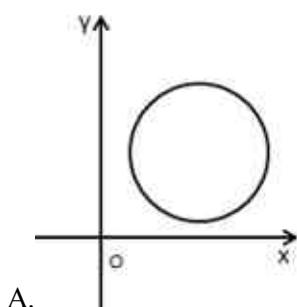
1. 选择题

已知集合 $U = \{1, 2, 3, 4, 5, 6\}$, $M = \{1, 2, 4\}$, 则 $\complement_U M =$ _____

- A. U B. $\{1, 3, 5\}$ C. $\{2, 4, 6\}$ D. $\{3, 5, 6\}$

2. 选择题

下列图形中, 能表示函数图象的是 ()



3. 选择题

若幂函数 $y = f(x)$ 的图像经过点 $(\frac{4}{2}, \frac{1}{2})$, 则 $f(\frac{1}{4}) =$ ()

- A. 1 B. 2 C. 3 D. 4

4. 选择题

下列函数中, 是同一函数的是()

A. $y = x^2$ 与 $y = x|x|$ B. $y = \sqrt{x^2}$ 与 $y = (\sqrt{x})^2$

C. $y = \frac{x^2 + x}{x}$ 与 $y = x + 1$ D. $y = 2x + 1$ 与 $y = 2t + 1$

5. 选择题

若函数 $f(x) = \begin{cases} 2x+2, & x \leq 0 \\ 2^x - 4, & x > 0 \end{cases}$, 则 $f(f(1)) =$ ()

- A. -10 B. 10 C. -2 D. 2

6. 选择题

若函数 $f(x)$ 满足 $f(3x+2) = 9x+8$, 则 $f(x)$ 的解析式是 ()

- A. $f(x) = 9x+8$ B. $f(x) = 3x-2$