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## Unit 4 - Week 3 : Unit 3



c) $R^{3}$
d) $R^{\infty}$

No, the answer is incorrect.
Score: 0
Accepted Answers:
c) $R^{3}$
8) The function $f(x)=\sin x$ belongs to

1 point
a) $R^{1}$
b) $R^{0}$
c) $R^{\infty}$
d) Not a vector space

No, the answer is incorrect.
Score: 0
Accepted Answers:
c) $R^{\infty}$
9) $A x=b$ has no solution if

1 pointa) lies in null space of $A$b) lies in row space of $A$
c) lies in column space of $A$d) does not lie in column space of $A$

No, the answer is incorrect.
Score: 0
Accepted Answers:
d) does not lie in column space of $A$
$10) f \operatorname{det}(A)=0$ then
1 pointa) $N(A)=0$b) $N(A) \neq 0$c) $N(A) \in C\left(A^{T}\right)$d) $N(A) \in C\left(A^{T}\right)$

No, the answer is incorrect.
Score: 0
Accepted Answers:
b) $N(A) \neq 0$

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