

Solving Systems of Linear Equations



Solve these simultaneous equations algebraically.

Section A

1) $4x + y = 17$
 $2x + y = 9$

$x = \underline{\hspace{2cm}}$ $y = \underline{\hspace{2cm}}$

2) $2x + y = 7$
 $5x - y = 14$

$x = \underline{\hspace{2cm}}$ $y = \underline{\hspace{2cm}}$

3) $3x + 2y = 19$
 $2x - 2y = 6$

$x = \underline{\hspace{2cm}}$ $y = \underline{\hspace{2cm}}$

4) $3x - 4y = 17$
 $x - 4y = 3$

$x = \underline{\hspace{2cm}}$ $y = \underline{\hspace{2cm}}$

5) $2x + 5y = 24$
 $2x + 3y = 16$

$x = \underline{\hspace{2cm}}$ $y = \underline{\hspace{2cm}}$

6) $4x - 3y = 7$
 $x + 3y = 13$

$x = \underline{\hspace{2cm}}$ $y = \underline{\hspace{2cm}}$

Section B

1) $2x + y = 4$
 $5x + 4y = 7$

$x = \underline{\hspace{2cm}}$ $y = \underline{\hspace{2cm}}$

2) $14x + 2y = 8$
 $x + y = 1$

$x = \underline{\hspace{2cm}}$ $y = \underline{\hspace{2cm}}$

3) $7x + 8y = 3$
 $3x + 4y = 7$

$x = \underline{\hspace{2cm}}$ $y = \underline{\hspace{2cm}}$

4) $3x + 4y = 29$
 $4x - 2y = 2$

$x = \underline{\hspace{2cm}}$ $y = \underline{\hspace{2cm}}$

5) $6x - 5y = -1$
 $3x - y = -2$

$x = \underline{\hspace{2cm}}$ $y = \underline{\hspace{2cm}}$

6) $3x - 2y = 6$
 $5x + 6y = 38$

$x = \underline{\hspace{2cm}}$ $y = \underline{\hspace{2cm}}$

System Of Linear Equations 1 Key

**Sihan Qing, Eiji Okamoto, Kwangjo
Kim, Dongmei Liu**



System Of Linear Equations 1 Key:

Precalculus Cynthia Y. Young, 2010-01-19 Engineers looking for an accessible approach to calculus will appreciate Young's introduction. The book offers a clear writing style that helps reduce any math anxiety they may have while developing their problem solving skills. It incorporates Parallel Words and Math boxes that provide detailed annotations which follow a multi modal approach. Your Turn exercises reinforce concepts by allowing them to see the connection between the exercises and examples. A five step problem solving method is also used to help engineers gain a stronger understanding of word problems.

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Okamoto,Kwangjo Kim,Dongmei Liu,2016-03-08 This book constitutes the thoroughly refereed post conference proceedings of the 17th International Conference on Information and Communications Security ICISC 2015 held in Beijing China in December 2015 The 24 revised full papers and 19 short papers presented were carefully selected from 148 submissions The papers provide the latest results in research and development in the field of information security and applied cryptology

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understanding of the limitations of computer graphics systems Users of computer graphics who have no formal training and wish to understand the essential foundations of computer graphics systems will find this book very useful as will mathematicians who want to understand how their subject is used in computer image synthesis Mathematics B.sc 1st Sem(karnatka Univ) , **Intermediate Algebra** Robert P. Hostetler,Ron Larson,2001 **Information Security and Cryptology -- ICISC 2012** Taekyoung Kwon,Mun-Kyu Lee,Daesung Kwon,2013-04-03 This book constitutes the thoroughly refereed post conference proceedings of the 15th International Conference on Information Security and Cryptology ICISC 2012 held in Seoul Korea in November 2012 The 32 revised full papers presented together with 3 invited talks were carefully selected from 120 submissions during two rounds of reviewing The papers provide the latest results in research development and applications in the field of information security and cryptology They are organized in topical sections on attack and defense software and Web security cryptanalysis cryptographic protocol identity based encryption efficient implementation cloud computing security side channel analysis digital signature and privacy enhancement **Comprehensive Mathematics X** ,

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