



Solving Linear Systems, p. 446
 $x - y = 4, x + y = 6$

Systems of Equations and Inequalities

Prerequisite Skills	424
7.1 Solve Linear Systems by Graphing	427
🔍 Investigating Algebra Activity: Solving Linear Systems Using Tables	426
📱 Graphing Calculator Activity Solve Linear Systems by Graphing.....	434
7.2 Solve Linear Systems by Substitution	435
Problem Solving Workshop.....	442
7.3 Solve Linear Systems by Adding or Subtracting	444
🔍 Investigating Algebra Activity: Linear Systems and Elimination	443
7.4 Solve Linear Systems by Multiplying First	451
➔ Mixed Review for TEKS.....	458
7.5 Solve Special Types of Linear Systems	459
7.6 Solve Systems of Linear Inequalities	466
➔ Mixed Review for TEKS.....	473
ASSESSMENT	
Quizzes.....	441, 457, 472
Chapter Summary and Review.....	474
Chapter Test.....	479
➔ TAKS Preparation and Practice.....	480
Cumulative Review, Chapters 1–7.....	484
Activities	425, 428, 435, 441, 446, 452, 459, 466

Chapter 7 Highlights

PROBLEM SOLVING

- Mixed Review for **TEKS**, 458, 473
- Multiple Representations, 433, 442, 449, 456
- Multi-Step Problems, 440, 450, 458, 465, 473
- Using Alternative Methods, 442
- Real-World Problem Solving Examples, 430, 438, 446, 453, 461, 468

ASSESSMENT

- **TAKS** Practice Examples, 429, 453
- Mixed Review for **TAKS**, 433, 441, 450, 457, 465, 472
- **TAKS** Reasoning, 430, 431, 432, 437, 439, 440, 441, 447, 448, 450, 455, 456, 463, 464, 465, 469, 470, 471
- Writing, 430, 431, 439, 440, 447, 454, 455, 462, 469

TECHNOLOGY

At *classzone.com*:

- Animated Algebra, 425, 428, 435, 441, 446, 452, 459, 466
- Texas @Home Tutor, 424, 432, 434, 440, 449, 456, 464, 471, 475
- Online Quiz, 433, 441, 450, 457, 465, 472
- **TAKS** Practice, 458, 473, 481, 483