Given: $-x^2 - 5x - 7 = -1$ and $5x^2 - 7x - 12 = 54$

$$A = -4x - 2$$

$$B = -5x - 7$$

What is the value of A?

abc_l3_notes.gwb - 3/14 - Sat Apr 01 2017 19:18:20

ExamView

Given: $\frac{-3x+6}{-2x+9} = \frac{BC}{AB}$ and $AB - 3x^2 = 40$

$$AB = -3x + 46$$

$$BC = 4x + 56$$

What is the value of x?

ExamView

Given: $-8x^2 + 5x + 12 = -306$ and $4x^2 + 5x + 8 = 122$

$$A = -6x + 23$$

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$$B=6x+3$$

What is the value of B?

abc_l3_notes.gwb - 4/14 - SatApr 01 2017 19:23:00

ExamView

Given: $\frac{3x+1}{3x+0} = \frac{BC}{AB}$ and $-2x^2 - AB = -248$

$$AB = -2x + 136$$

$$BC = -4x + 157$$

What is the value of x?

ExamView 2

Given: $\frac{3x+7}{BC} = \frac{-4x+43}{AB}$ and $AB + 2x^2 = 96$

$$AB = 2x + 36$$

$$BC = 4x + 24$$

What is the value of BC?

abc_l3_notes.gwb - 7/14 - Sat Apr 01 2017 19:35:57

ExamView

Given: $\frac{AB}{BC} = \frac{2x+5}{2x+6}$ and $AB - 3x^2 = -225$

$$AB = -3x - 57$$

$$BC = -3x - 54$$

What is the value of AB?

ExamView

Given:
$$\frac{-3x+2}{BC} = \frac{3x-41}{AB}$$
 and $3x^2 - AB = 247$

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$$AB = -3x - 79$$

$$BC = 5x - 130$$

What is the value of BC?

abc_l3_notes.gwb - 8/14 - Sat Apr 01 2017 19:39:55

ExamView

Given:
$$\frac{AB}{BC} = \frac{-3x+5}{-2x+2}$$
 and $3x^2 - AB = 76$

$$AB = -4x - 12$$

$$BC = -3x - 12$$

What is the value of x?

Given: $\frac{AB}{3x+2} = \frac{BC}{2x-1}$ and $-3x^2 - AB = -18$

$$AB = 3x - 18$$

$$BC = -2x - 35$$

What is the value of AB?

abc_l3_notes.gwb - 11/14 - Sat Apr 01 2017 19:49:19

ExamView

Given: A + B = 21 and B + C = -140

$$A=2x^2-5x-19$$

$$B=-2x^2-3x$$

$$C = -4x^2 + 3x + 10$$

What is the value of x?

ExamView

Given:
$$\frac{AB}{3x - 13} = \frac{BC}{2x - 7}$$
 and $AB + 3x^2 = 163$

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$$AB = 5x - 19$$

$$BC = -5x + 49$$

What is the value of AB?

abc_l3_notes.gwb - 12/14 - Sat Apr 01 2017 19:51:41

ExamView

Given: A - B = 38 and B + C = 26

$$A = 3x^2 - 2x + 14$$

$$B=3x^2+4x$$

$$C = -3x^2 - 5x + 22$$

What is the value of C?

Given: A + B = 49 and B - C = -28

$$A = 2x^2 - 2x + 19$$

$$B = 3x^2 - 3x$$

$$C=3x^2-2x+25$$

What is the value of C?

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Given: A - B = 10 and B - C = -57

$$A = -4x^2 + 5x + 28$$

$$B = -3x^2 + 2x$$

$$C = -2x^2 + 3x + 15$$

What is the value of A?

4

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