

Algebra 2  
Warm Up Day 20

Name \_\_\_\_\_

Date \_\_\_\_\_

Solve.

1.  $2a - b + 3c = -13$   
 $2b - c = -1$   
 $c = 5$

2.  $a + 2b - 2c = 3$   
 $a + b = 8$   
 $3a = 15$

3. If  $|x + 5| \geq 2$ , then which of the following could *not* be a value of  $x$ ?

- a)  $-7$                       b)  $-5$                       c)  $-3$                       d)  $-1$                       e)  $1$

4. If  $x + y = 8$  and  $x - y = 5$ , what is the value of  $x^2 - y^2$ ?

- a)  $-60$                       b)  $-40$                       c)  $20$                       d)  $40$                       e)  $60$

1.

Answer:  $(-13, 2, 5)$

CodePath: EAS.TRI.F.D.2

2.

Answer:  $(5, 3, 4)$

CodePath: EAS.TRI.F.D.4

3.

Answer: b

CodePath: EAS.SAT.F.A.38

4.

Answer: d

CodePath: EAS.SAT.B.E.3