1.) In the xy-plane, the parabola with equation intersects the line with the equation y = 25 at two points A and B. What is the length of ?

A) 10

B) 12

C) 14

D) 16

2.) The line , where is a constant, is graphed in the xy-plane. If the line contains the point , where and , what is the slope of the line in terms of c and d?

A)

B)

C)

D)

**Bellwork #20– Practice SAT Problems**

**March 9th, 2020 H. Geometry**

1.) In the xy-plane, the parabola with equation intersects the line with the equation y = 25 at two points A and B. What is the length of ?

A) 10

B) 12

C) 14

D) 16

2.). The line , where is a constant, is graphed in the xy-plane. If the line contains the point , where and , what is the slope of the line in terms of c and d?

A)

B)

C)

D)

3.) Which of the following is equal to , for all values of

A)

B)

C)

D)

4.) If , what is the value of ?

A) 10

B) 5

C) 2

D)

3.) Which of the following is equal to , for all values of

A)

B)

C)

D)

4.) If , what is the value of ?

A) 10

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