



# New Maths GCSE: A10 - Straight Line Graphs - Match the Diagram

Name: .....

Date: .....

Which diagram could the following equation represent:  $y = 2x + 1$

**A**

**B**

**C**

**D**

Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....

Which diagram could the following equation represent:  $y = 4 - 2x$

**A**

**B**

**C**

**D**

Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....

Which diagram could the following equation represent:  $y = 2 + 3x$

**A**

**B**

**C**

**D**

Correct Answer: A B C D

Explanation:

.....

.....

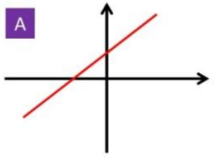
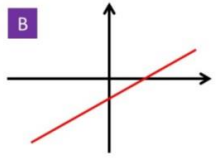
.....

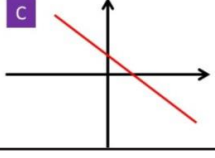
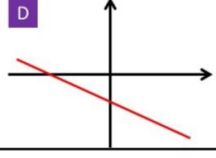
.....

.....

.....

Which diagram could the following equation represent:  $y = -2x - 7$

**A**  **B** 

**C**  **D** 

Correct Answer: A B C D

Explanation:

.....

.....

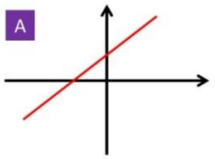
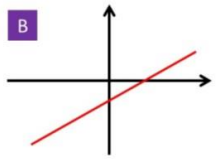
.....

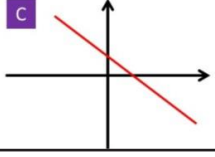
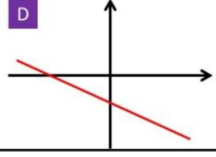
.....

.....

.....

Which diagram could the following equation represent:  $x + y = 5$

**A**  **B** 

**C**  **D** 

Correct Answer: A B C D

Explanation:

.....

.....

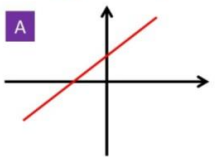
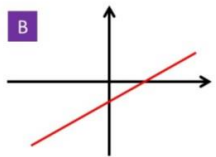
.....

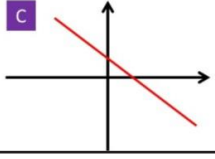
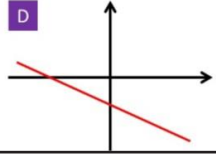
.....

.....

.....

Which diagram could the following equation represent:  $2x + y = -6$

**A**  **B** 

**C**  **D** 

Correct Answer: A B C D

Explanation:

.....

.....

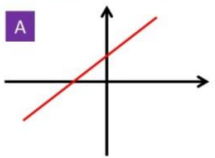
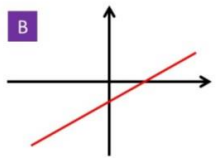
.....

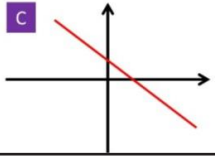
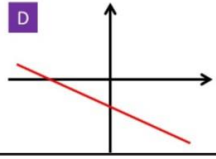
.....

.....

.....

Which diagram could the following equation represent:  $5x - y = 3$

**A**  **B** 

**C**  **D** 

Correct Answer: A B C D

Explanation:

.....

.....

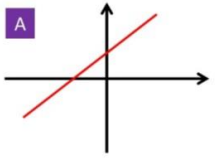
.....

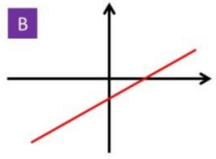
.....

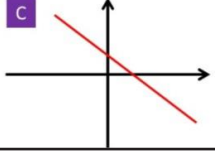
.....

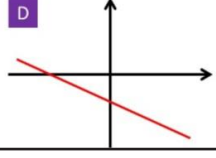
.....

Which diagram could the following equation represent:  $3x - 4y = -12$

**A** 

**B** 

**C** 

**D** 

Correct Answer: A B C D

Explanation:

.....

.....

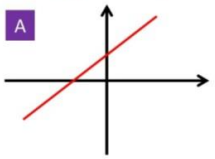
.....

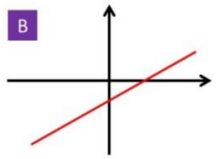
.....

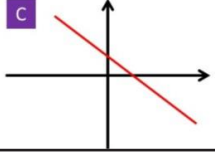
.....

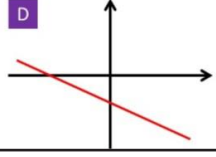
.....

Which diagram could the following equation represent:  $y - x = 3$

**A** 

**B** 

**C** 

**D** 

Correct Answer: A B C D

Explanation:

.....

.....

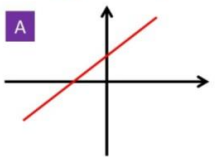
.....

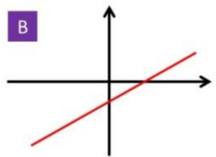
.....

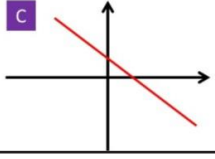
.....

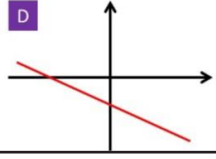
.....

Which diagram could the following equation represent:  $y - 4x = -1$

**A** 

**B** 

**C** 

**D** 

Correct Answer: A B C D

Explanation:

.....

.....

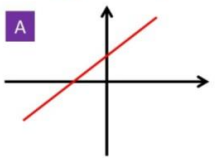
.....

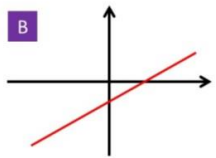
.....

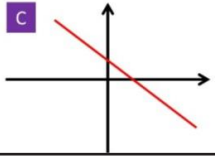
.....

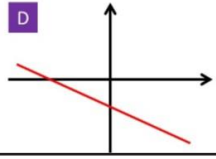
.....

Which diagram could the following equation represent:  $x + y + 5 = 0$

**A** 

**B** 

**C** 

**D** 

Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....