Example: Find what number is in the middle of -1 and 4

Example: Find what number is in the middle of -1 and 4



Example: Find what number is in the middle of -1 and 4



The graph helps us get a visual estimate of where the midpoint (middle point) is

Example: Find what number is in the middle of -1 and 4



The graph helps us get a visual estimate of where the midpoint (middle point) is

To find the midpoint Algebraically, we take the average

Example: Find what number is in the middle of -1 and 4



The graph helps us get a visual estimate of where the midpoint (middle point) is

To find the midpoint Algebraically, we take the average

$$m = \frac{-1+4}{2}$$

Example: Find what number is in the middle of -1 and 4



The graph helps us get a visual estimate of where the midpoint (middle point) is

To find the midpoint Algebraically, we take the average

$$m = \frac{-1+4}{2} = \frac{3}{2}$$

Example: Find what number is in the middle of -1 and 4



The graph helps us get a visual estimate of where the midpoint (middle point) is

To find the midpoint Algebraically, we take the average

$$m = \frac{-1+4}{2} = \frac{3}{2}$$

In general: The midpoint of two numbers A and B is:

$$m = \frac{A+B}{2}$$

Example: Find what number is in the middle of -1 and 4



The graph helps us get a visual estimate of where the midpoint (middle point) is

To find the midpoint Algebraically, we take the average

$$m = \frac{-1+4}{2} = \frac{3}{2}$$

In general: The midpoint of two numbers A and B is:

$$m = \frac{A+B}{2}$$