

# Absolute Value and Square Roots

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Absolute Value

Absolute Value 2

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## Short and Sweet Notes

Absolute Value is represented using  $|$   $|$

Absolute Value is distance from 0 on a number line

Absolute Value is ALWAYS positive

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$$|-9|$$

$$|12|$$

$$|-11|$$

$$|-0.5|$$

$$|3.1|$$

$$|\frac{1}{2}|$$

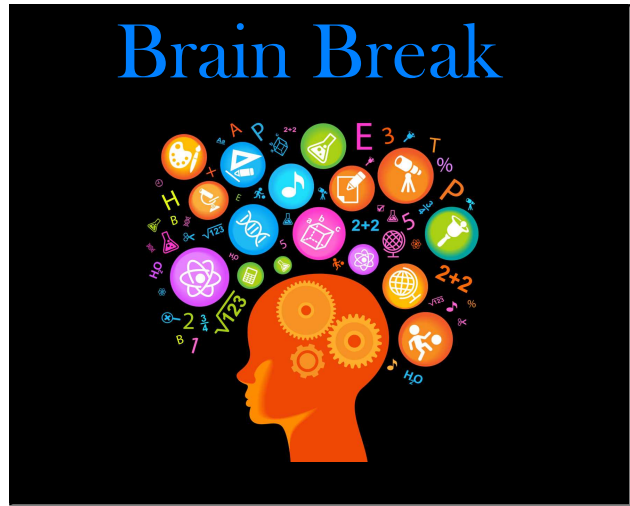
$$|-8|$$

$$|-1|$$

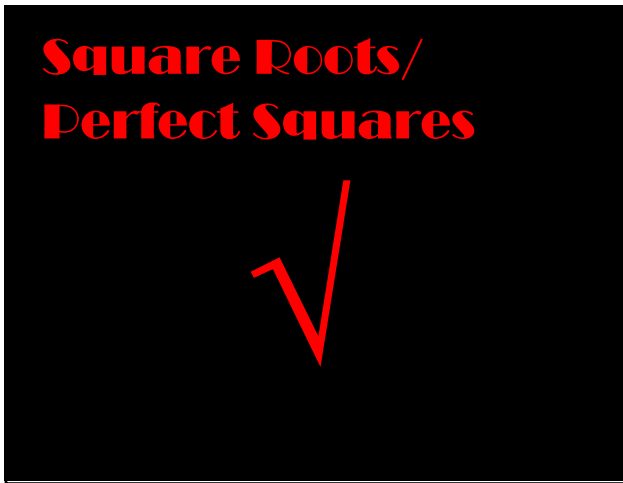
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## Practice

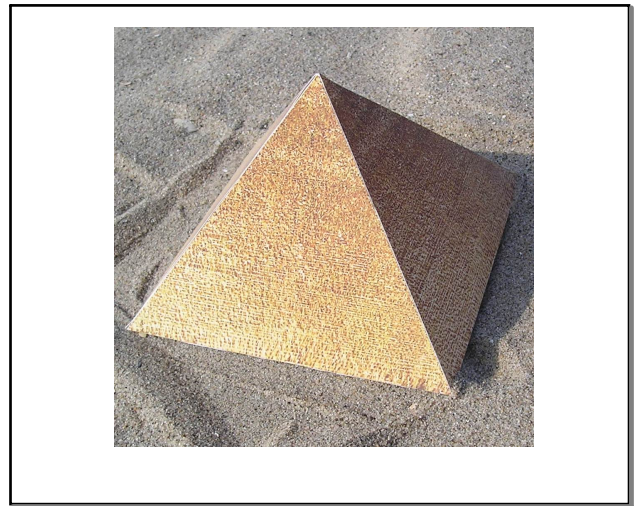
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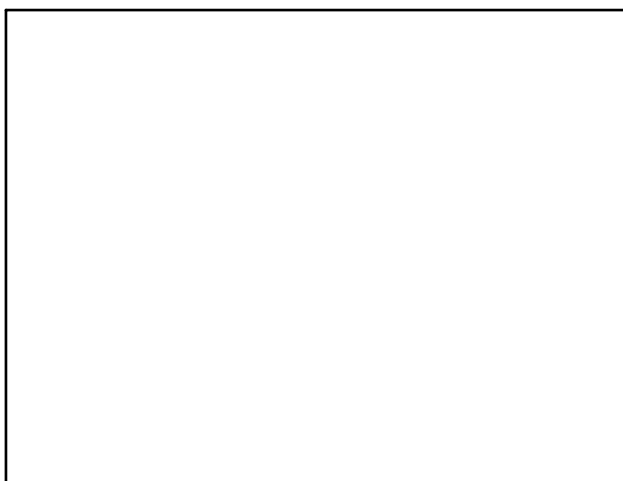
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Number of tiles (area of the square)	Dimensions of number of tiles	$\sqrt{\text{area}}$	Squares on a side
1	$1 \times 1$	1	$\sqrt{1} = 1$
4	$2 \times 2$	2	$\sqrt{4} = 2$
9			
16			
25			
36			
49			
64			
81			
100			
121			
144			

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169			
196			
225			
256			
289			
324			
361			
400			

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## Attachments

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SMART-Absolute Value.notebook