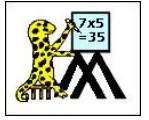


Name

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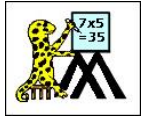
FIND THE MEDIAN SHEET 4A

Find the median of these data points (odd and even number of data points).

Data	Order	Median
<i>Example</i> {-4, 0, 3, -7, 2, -1}	{-7, -4, <u>-1</u> , 0, 2, 3}	$(-1+0)\div 2 = -0.5$
1) {-5, 2, -2, 3}		
2) {0.3, 0.08, 0.2, 0.26}		
3) {-2, -5, 4, 0, -3, 1}		
4) {0.24, 0.18, 0.3, 0.75}		
5) $\{-2\frac{1}{2}, 6, -3, -5\frac{1}{2}, 0\}$		
6) {2.2, -3.4, 0, -1.6}		
7) {-4.8, -2.5, 3.3, -2, 0.4}		
8) $\{1\frac{1}{2}, -5\frac{1}{4}, -\frac{3}{4}, \frac{1}{2}, 2\frac{3}{4}\}$		
9) $\{-\frac{1}{2}, 1\frac{1}{4}, 2\frac{1}{2}, -2\frac{3}{4}, \frac{1}{4}, 0\}$		
10) {0.52, 0.03, 0.16, 0.7, 0.36, 0.4}		
11) {-4, -7, 0, -9, -6, 0, 5, -2}		
12) {0.6, -1.3, -2.1, 0.8, 1, 1.4, -2.5}		
13) $\{4\frac{1}{2}, -1, 0, 1\frac{3}{4}, -2, -3\frac{1}{2}\}$		
14) {0.8, -2.2, -0.7, 3.1, 2.3, -1.5, 0}		
15) {-4.2, -1.8, 0.9, -0.6, -6, -3}		
16) $\{-2\frac{1}{2}, -4\frac{3}{4}, 5, -5\frac{1}{2}, 3\frac{1}{4}, -1, \frac{3}{4}\}$		

Name

Date



FIND THE MEDIAN SHEET 4A ANSWERS

Data	Order	Median
<i>Example</i> {-4, 0, 3, -7, 2, -1}	{-7, -4, <u>-1</u> , 0, 2, 3}	$(-1+0)\div 2 = -0.5$
1) {-5, 2, -2, 3}	{-5, <u>-2</u> , <u>2</u> , 3}	<u>0</u>
2) {0.3, 0.08, 0.2, 0.26}	{0.08, <u>0.2</u> , <u>0.26</u> , 0.3}	<u>0.23</u>
3) {-2, -5, 4, 0, -3, 1}	{-5, -3, <u>-2</u> , 0, 1, 4}	<u>-2</u>
4) {0.24, 0.18, 0.3, 0.75}	{0.18, <u>0.24</u> , <u>0.3</u> , 0.75}	<u>0.27</u>
5) {-2 ½, 6, -3, -5 ½, 0}	{-5 ½, -3, <u>-2 ½</u> , 0, 6}	<u>-2 ½</u>
6) {2.2, -3.4, 0, -1.6}	{-3.4, <u>-1.6</u> , <u>0</u> , 2.2}	<u>-0.8</u>
7) {-4.8, -2.5, 3.3, -2, 0.4}	{-4.8, -2.5, <u>-2</u> , 0.4, 3.3}	<u>-2</u>
8) {1 ½, -5 ¼, -¾, ½, 2 ¾}	{-5 ¼, -¾, <u>½</u> , 1 ½, 2 ¾}	<u>½</u>
9) {-½, 1 ¼, 2 ½, -2 ¾, ½, 0}	{-2 ¾, -½, <u>0</u> , <u>½</u> , 1 ¼, 2 ½}	<u>¼</u>
10) {0.52, 0.03, 0.16, 0.7, 0.36, 0.4}	{0.03, 0.16, <u>0.36</u> , <u>0.4</u> , 0.52, 0.7}	<u>0.38</u>
11) {-4, -7, 0, -9, -6, 0, 5, -2}	{-9, -7, -6, <u>-4</u> , <u>-2</u> , 0, 0, 5}	<u>-3</u>
12) {0.6, -1.3, -2.1, 0.8, 1, 1.4, -2.5}	{-2.5, -2.1, -1.3, <u>0.6</u> , 0.8, 1, 1.4}	<u>0.6</u>
13) {4 ½, -1, 0, 1 ¾, -2, -3 ½}	{-3 ½, -2, <u>-1</u> , <u>0</u> , 1 ¾, 4 ½}	<u>-½</u>
14) {0.8, -2.2, -0.7, 3.1, 2.3, -1.5, 0}	{-2.2, -1.5, -0.7, <u>0</u> , 0.8, 2.3, 3.1}	<u>0</u>
15) {-4.2, -1.8, 0.9, -0.6, -6, -3}	{-6, -4.2, <u>-3</u> , <u>-1.8</u> , -0.6, 0.9}	<u>-2.4</u>
16) {-2 ½, -4 ¾, 5, -5 ½, 3 ¼, -1, ¾}	{-5 ½, -4 ¾, <u>-2 ½</u> , <u>-1</u> , 3 ¼, 5}	<u>-1 ¾</u>