



11. What is the median of the following numbers?

A $9\sqrt{2}$

B $3\sqrt{19}$

C $4\sqrt{11}$

D $5\sqrt{7}$

E $6\sqrt{5}$

1081



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11. D Squaring the numbers given allows us to see their order easily:

$$(9\sqrt{2})^2 = 81 \times 2 = 162$$

$$(3\sqrt{19})^2 = 9 \times 19 = 171$$

$$(4\sqrt{11})^2 = 16 \times 11 = 176$$

$$(5\sqrt{7})^2 = 25 \times 7 = 175$$

$$(6\sqrt{5})^2 = 36 \times 5 = 180$$

As 175 is the middle one of these numbers, the answer is $5\sqrt{7}$.