



Write the lower bound and the upper bound

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| 1 7.3, 1 dp
<i>7.25 and 7.35</i> | 2 40, nearest 10
<i>35 and 45</i> |
| 3 2.65, 2 dp
<i>2.645 and 2.655</i> | 4 600, nearest 100
<i>550 and 650</i> |
| 5 18, nearest 1
<i>17.5 and 18.5</i> | 6 0.4, 1 dp
<i>0.35 and 0.45</i> |



a and b are rounded as shown. Find the lower and upper bounds of $a + b$.

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| 7 $a = 4.2, b = 3.7$, 1 dp
<i>7.8 and 8</i> | 8 $a = 12, b = 9$, nearest 1
<i>20 and 22</i> |
| 9 $a = 60, b = 30$, nearest 10
<i>80 and 100</i> | 10 $a = 2.5, b = 1.25$, nearest 0.05
<i>3.7 and 3.8</i> |
| 11 $a = 150, b = 80$, nearest 10
<i>220 and 240</i> | 12 $a = 8.3, b = 0.6$, 1 dp
<i>8.8 and 9</i> |



Find the lower and upper bounds of $a - b$

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| 13 $a = 9.4, b = 3.2$, 1 dp
<i>6.1 and 6.3</i> | 14 $a = 20, b = 7$, nearest 1
<i>12 and 14</i> |
| 15 $a = 70, b = 40$, nearest 10
<i>20 and 40</i> | 16 $a = 5.06, b = 2.31$, 2 dp
<i>2.74 and 2.76</i> |
| 17 $a = 300, b = 150$, nearest 50
<i>100 and 200</i> | 18 $a = 1.8, b = 0.9$, 1 dp
<i>0.8 and 1</i> |



Find the lower and upper bounds of $a \times b$

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| 19 $a = 4, b = 6$, nearest 1
<i>19.25 and 29.25</i> | 20 $a = 2.5, b = 3.5$, 1 dp
<i>8.4525 and 9.0525</i> |
| 21 $a = 20, b = 30$, nearest 10
<i>375 and 875</i> | 22 $a = 1.2, b = 0.5$, 1 dp
<i>0.5175 and 0.6875</i> |
| 23 $a = 15, b = 8$, nearest 1
<i>108.75 and 131.75</i> | 24 $a = 0.3, b = 0.7$, 1 dp
<i>0.1625 and 0.2625</i> |



Find the lower and upper bounds of $a \div b$ to 3 significant figures

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| 25 $a = 12, b = 5$, nearest 1
<i>2.09 and 2.78</i> | 26 $a = 8.4, b = 2.1$, 1 dp
<i>3.88 and 4.12</i> |
| 27 $a = 50, b = 20$, nearest 10
<i>1.80 and 3.67</i> | 28 $a = 3.6, b = 1.2$, 1 dp
<i>2.84 and 3.17</i> |
| 29 $a = 100, b = 8$, nearest 1
<i>11.7 and 13.4</i> | 30 $a = 7, b = 0.4$, 1 dp
<i>15.4 and 20.1</i> |