

Quiz: Law of Cosines

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| <p>1 In $\triangle ABC$, $m\angle C = 62^\circ$,
 $a = 18$ and $b = 17$. Find
 the length of side c,
 to the nearest integer.</p> | <p>2 In a rhombus whose side
 measures 20 and the
 smaller angle is 54°,
 find the length of the
 larger diagonal, to the
 nearest tenth.</p> |
| <p>3 In a rhombus with a side
 of 32, the longer
 diagonal is 26. find, to
 the nearest degree, the
 larger angle of the
 rhombus</p> | <p>4 Three sides of a triangle
 measure 10m, 12m, and
 20m. Find the largest
 angle of the triangle to
 the nearest degree.</p> |
| <p>5 In $\triangle ABC$, $m\angle C = 34^\circ$,
 $a = 30$ and $b = 19$. Find
 the length of side c,
 to the nearest integer.</p> | <p>6 In a rhombus whose side
 measures 20 and the
 smaller angle is 38°,
 find the length of the
 larger diagonal, to the
 nearest tenth.</p> |
| <p>7 In a rhombus with a side
 of 22, the longer
 diagonal is 48. find, to
 the nearest degree, the
 larger angle of the
 rhombus</p> | <p>8 Three sides of a triangle
 measure 12m, 16m, and
 18m. Find the largest
 angle of the triangle to
 the nearest degree.</p> |
| <p>9 In $\triangle ABC$, $m\angle C = 58^\circ$,
 $a = 20$ and $b = 18$. Find
 the length of side c,
 to the nearest integer.</p> | <p>10 In a rhombus whose side
 measures 18 and the
 smaller angle is 34°,
 find the length of the
 larger diagonal, to the
 nearest tenth.</p> |

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%