

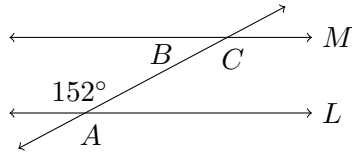
Quiz 2

Show all your work

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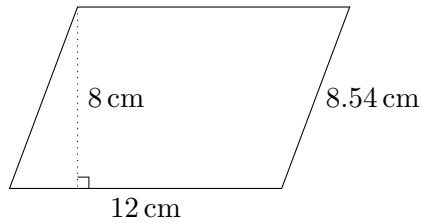
Problem 1: Lines L and M are parallel. Find the measures of $\angle A =$,

$\angle B =$, and $\angle C =$.



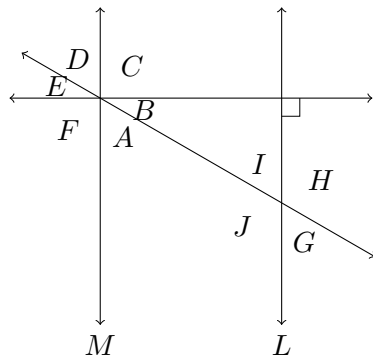
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Problem 2: Find the area of the parallelogram.



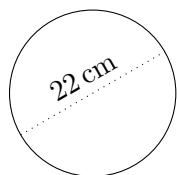
Score: /1

Problem 3: Lines L and M are parallel. Which pairs of the named angles are vertically opposite (vertical angles)?



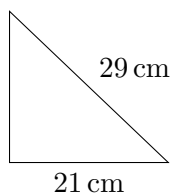
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Problem 4: Find the area of the circle.



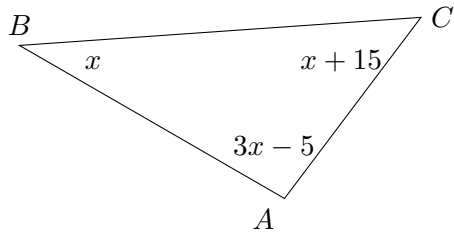
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Problem 5: Find the length of the third side of the right triangle. If necessary, round to nearest thousandths.



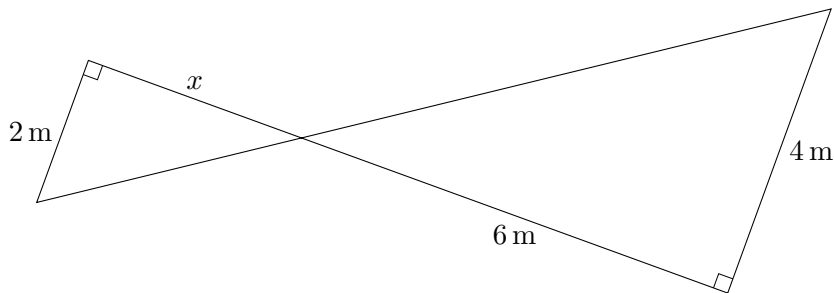
Score: /1

Problem 6: The measures of the angles of the triangle are indicated in terms of x . Find the measure of $\angle A =$.



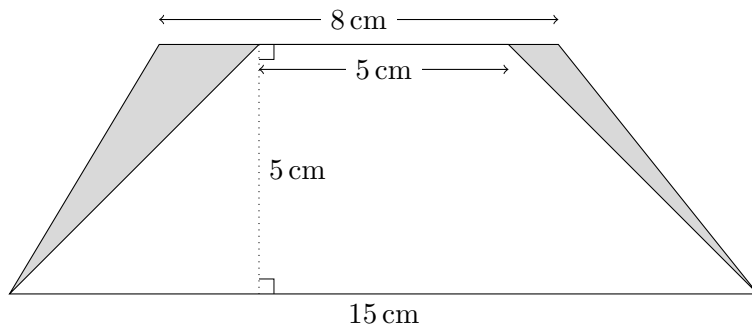
Score: /3

Problem 7: Find $x =$.



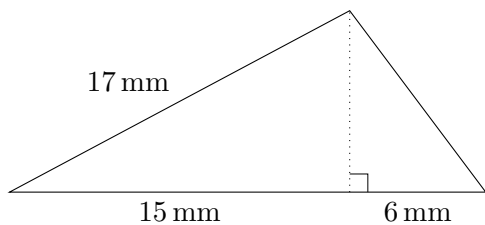
Score: /1

Problem 8: Find the area of the shaded region.



Score: /2

Problem 9: Find the area of the largest triangle shown.



Score: /3