

RISK
UNIT 4 TEST
REVIEW

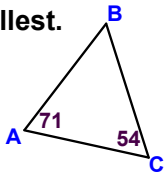
You start with 100 points.

You will see each problem, then wager your points on how confident you are for your answer. If you get the problem correct, add your wager. If you get the problem incorrect, subtract your wager.

Nov 8-6:08 PM

Nov 8-6:09 PM

1. List unknown sides in order from largest to smallest.



BC, AC, AB



2. Is it possible to construct a triangle with the following sides?

$\sqrt{45}$, $2\sqrt{6}$, $5\sqrt{5}$

YES



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Nov 8-6:15 PM

3. What are the possible side lengths for the third side of a triangle?

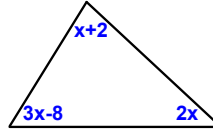
7in. and 15in.

$$8 < x < 22$$



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4. Find the value of x.

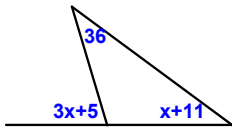


$$x=31$$



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5. Find the value of x.

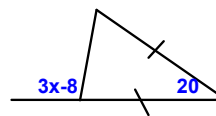


$$x=21$$



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6. Find the value of x.

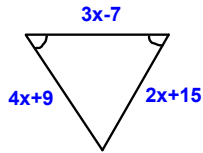


$$x=36$$



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7. Find the value of x.



$x=3$



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8. Classify the triangle with the given side lengths as acute, right, or obtuse.

$7, 4\sqrt{3}, 5\sqrt{3}$

Acute



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9. Use the given information to determine whether or not $\triangle HIJ \cong \triangle LMO$. Tell why.

$\angle J = \angle O, JH = OL, \angle I = \angle M$

Yes, AAS



Nov 8-6:43 PM

Who thinks they have the highest score?

Nov 8-7:00 PM