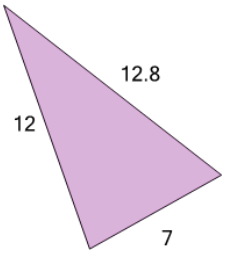
Math worksheet on *'Trigonometry - Heron's Formula - Setup (Level 1)'*. Part of a broader unit on *'Trigonometry - Heron's Formula - Intro'*

Learn online: app.mobius.academy/math/units/trigonometry_herons_formula_intro/

1 Select the right formula for the area of the triangle



a $15.9(15.9+12.8)(15.9+12)(15.9+7)$

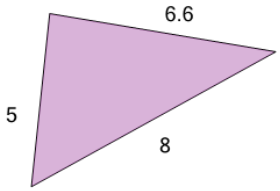
b $\sqrt{15.9(15.9-12.8)(15.9-12)(15.9-7)}$

c $15.9(15.9-12.8)(15.9-12)(15.9-7)$

d $\sqrt{15.9(12.8-15.9)(12-15.9)(7-15.9)}$

e $\sqrt{15.9(15.9+12.8)(15.9+12)(15.9+7)}$

2 Select the right formula for the area of the triangle



a $\sqrt{9.8(6.6-9.8)(5-9.8)(8-9.8)}$

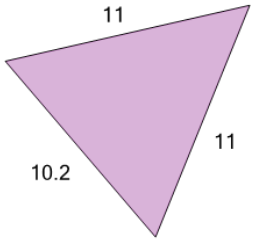
b $\sqrt{9.8(9.8-6.6)(9.8-5)(9.8-8)}$

c $9.8(9.8-6.6)(9.8-5)(9.8-8)$

d $\sqrt{9.8(9.8+6.6)(9.8+5)(9.8+8)}$

e $9.8(9.8+6.6)(9.8+5)(9.8+8)$

3 Select the right formula for the area of the triangle



a $\sqrt{16.1(16.1+10.2)(16.1+11)(16.1+11)}$

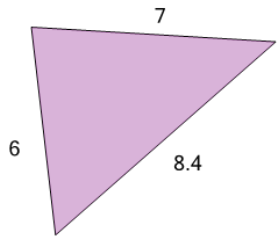
b $\sqrt{16.1(10.2-16.1)(11-16.1)(11-16.1)}$

c $16.1(16.1-10.2)(16.1-11)(16.1-11)$

d $\sqrt{16.1(16.1-10.2)(16.1-11)(16.1-11)}$

e $16.1(16.1+10.2)(16.1+11)(16.1+11)$

4 Select the right formula for the area of the triangle



a $10.7(10.7+8.4)(10.7+7)(10.7+6)$

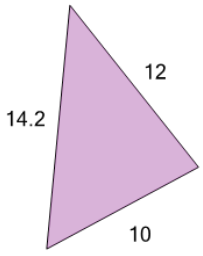
b $\sqrt{10.7(8.4-10.7)(7-10.7)(6-10.7)}$

c $10.7(10.7-8.4)(10.7-7)(10.7-6)$

d $\sqrt{10.7(10.7+8.4)(10.7+7)(10.7+6)}$

e $\sqrt{10.7(10.7-8.4)(10.7-7)(10.7-6)}$

5 Select the right formula for the area of the triangle



a $\sqrt{18.1(18.1+14.2)(18.1+10)(18.1+12)}$

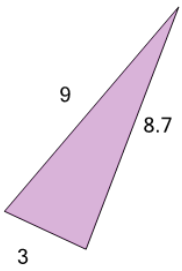
b $18.1(18.1-14.2)(18.1-10)(18.1-12)$

c $\sqrt{18.1(14.2-18.1)(10-18.1)(12-18.1)}$

d $18.1(18.1+14.2)(18.1+10)(18.1+12)$

e $\sqrt{18.1(18.1-14.2)(18.1-10)(18.1-12)}$

6 Select the right formula for the area of the triangle



a $10.4(10.4-8.7)(10.4-9)(10.4-3)$

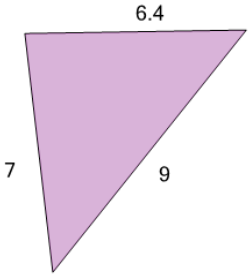
b $10.4(10.4+8.7)(10.4+9)(10.4+3)$

c $\sqrt{10.4(10.4-8.7)(10.4-9)(10.4-3)}$

d $\sqrt{10.4(8.7-10.4)(9-10.4)(3-10.4)}$

e $\sqrt{10.4(10.4+8.7)(10.4+9)(10.4+3)}$

7 Select the right formula for the area of the triangle



a $11.2(11.2-6.4)(11.2-7)(11.2-9)$

b $\sqrt{11.2(11.2-6.4)(11.2-7)(11.2-9)}$

c $11.2(11.2+6.4)(11.2+7)(11.2+9)$

d $\sqrt{11.2(11.2+6.4)(11.2+7)(11.2+9)}$

e $\sqrt{11.2(6.4-11.2)(7-11.2)(9-11.2)}$