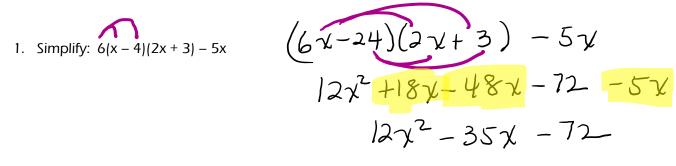
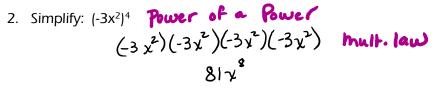
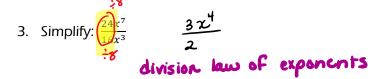
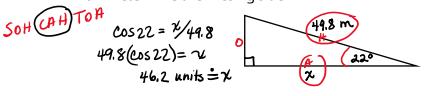
Midterm Flashback #2



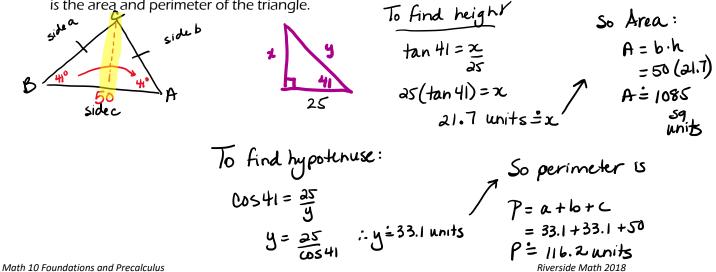




4. Simplify: $(6x^{-7})(2x^{3})$ $|2x^{-4} \rightarrow \frac{12}{x^{4}}$ negative exponent 5. Write in scientific notation: 0.000 000 000 198 1.98×10^{-10} 6. Determine the missing side



7. In the isosceles $\triangle ABC$, side a and b are equal. If side c is 50 cm and angle B is 41°, what is the area and perimeter of the triangle.



8. Factor completely:



- 9. Write an expression that has a degree of 4, a coefficient of 12, is a binomial and has a constant of -3. $12 \times \frac{4}{2} - 3$

10. Determine the LCM of 20 and 32

$$20 = 2 \cdot 2 \cdot 5 \longrightarrow 2^{2} \cdot 5^{2}$$

 $32 = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \longrightarrow 2^{2} \cdot 5^{2}$.
 $LCM = 2^{5} \cdot 5$
 $= 32 \cdot 5$
 $LCM = 160$