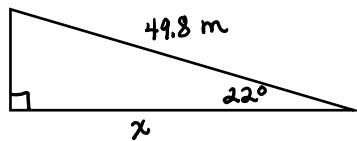


Midterm Flashback #2

1. Simplify: $6(x - 4)(2x + 3) - 5x$
2. Simplify: $(-3x^2)^4$
3. Simplify: $\frac{24x^7}{16x^3}$
4. Simplify: $(6x^7)(2x^3)$
5. Write in scientific notation: 0.000 000 000 198
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:
 $2x^2 - 20x$
 $x^2 + 7x - 18$
 $x^2 + 10x + 24$
 $x^2 - 8x - 48$
 $100x^2 - 9$
9. Write an expression that has a degree of 4, a coefficient of 12, is a binomial and has a constant of -3.
10. Determine the LCM of 20 and 32