Evaluate each expression.

1.　　　$4 \cdot 3^2$	2.　　　　　$7 + 8^2$
3.　　　$2\left(3^4 - 4^3\right)$	4.　　　$2^4 + 3 \cdot 6 - 4^2$
5.　　　$144 \div 6^2 - 3$	6.　　　$42 - 96 \div 4^2$
7.　　$2x^2 - 6$, for $x = 6$	8.　　$(2x)^2 - 6$, for $x = 6$
9.　$(m + n)^3$, for $m = 10, n = 5$	10.　　$m + n^3$, for $m = 10, n = 5$

Let's Review!   **<u>Multiplying Fractions</u>**

Do you need a common denominator?_____

What do you do with the numerators?_____

What do you do with the denominators?_____

Can you cancel common factors before multiplying?_____

How do you cancel common factors?_____

What if the problem involves mixed numbers? What should you ALWAYS do first?

_____

1.	$\dfrac{2}{3} \bullet \dfrac{5}{7}$	2.	$\dfrac{1}{2} \bullet \dfrac{3}{8}$
3.	$\dfrac{4}{9} \bullet \dfrac{5}{12}$	4.	$\dfrac{5}{6} \bullet \dfrac{3}{10}$
5.	$3 \bullet \dfrac{3}{4}$	6.	$2\dfrac{1}{3} \bullet \dfrac{9}{10}$