Dimensional Analysis Warm-Up

1. ⬤ X $\dfrac{\blacksquare}{\text{⬤}}$ X $\dfrac{\triangle}{\blacksquare}$ = $\triangle$

2. $\dfrac{\text{⬢}}{\bigstar}$ X $\dfrac{\bigstar}{\lightning}$ X $\dfrac{\heartsuit}{\text{⬢}}$ = $\dfrac{\heartsuit}{\lightning}$

Look at problem 1 and 2. Describe a pattern that you notice.
Use this pattern to answer problem 3 and 4.

3. ✦ X $\dfrac{\blacklozenge}{✦}$ X $\dfrac{\text{⬤}}{\blacklozenge}$ = ?

4. ⬛ X $\dfrac{\circledcirc}{⬛}$ X $\dfrac{\smiley}{?}$ = $\smiley$