

Formulas

The formulas below are ones used this year and may be used again the following years.

- **% increase or decrease:**
 - $\text{new number} - \text{old number} / \text{old number} \times 100 = \text{Answer}$
- **Weighted average (used for adding two web site views):**
 - $(1^{\text{st}} \text{ site}) \# \text{ views} \times \text{avg. time viewed (or avg. \% viewed)}$
 - $+$
 - $(2^{\text{nd}} \text{ site}) \# \text{ views} \times \text{avg. time viewed (or avg. \% viewed)}$
 - $/$
 - $\text{total \# of views} = \text{Answer}$