GENETICS DO NOW: Eye Color NAME: $\qquad$ CLASS: $\qquad$


1. Look at the picture about eye color. Write the eye color that will be created from the genotypes below.

BB: $\qquad$ Bb: $\qquad$ bb: $\qquad$
2. A mother with blue eyes $(\mathrm{bb})$ and a father with brown eyes $(\mathrm{Bb})$ want to have children.

Mother: $\qquad$ x Father: $\qquad$


| Genotypes | Phenotypes | $\%$ |
| :--- | :--- | :--- |
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3. What percentage (\%) of their children will have blue eyes? $\qquad$
