

Quiz 4

1. Each crayon gets a choice of one

kid:

66

-

6

$\Rightarrow 6^{24}$

$\underbrace{\hspace{10em}}$
24

2. 5^{24} ways Mary gets no cards

3. $6^{24} - 5^{24}$

4. $5^3 \cdot 6^{21}$

5. $\frac{24!}{(4!)^6}$

6. $\frac{24!}{(4!)^6} - \frac{23!}{(4!)^5 \cdot 3!}$