Word Problems Worksheets

1. A baseball team played 32 games and lost 8. Katy was the catcher in $\frac{5}{8}$ of the winning games and $\frac{1}{4}$ of the losing games.

   a. What fraction of the games did the team win?

   b. In how many games did Katy play catcher?

2. In Mrs. Elliott's garden, $\frac{1}{8}$ of the flowers are red, $\frac{1}{4}$ of them are purple, and $\frac{1}{5}$ of the remaining flowers are pink. If there are 128 flowers, how many flowers are pink?

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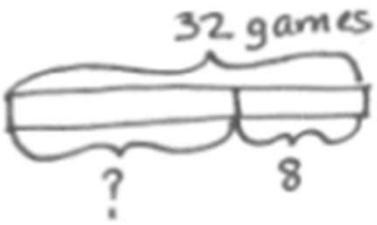

$32-8=24$ $\frac{24}{32}=\frac{3}{4}$

The team won $\frac{3}{4}$ of the games they played.

   b. How many games did Katy play catcher?

won: $\frac{5}{8}\times 24=\frac{5\times 24^{3}}{8_{1}}=15$ games

Lost: $\frac{1}{4}\times 8=\frac{8}{4}=2$ games

Katy played 17 games.

2. In Mrs. Elliott's garden, $\frac{1}{8}$ of the flowers are red, $\frac{1}{4}$ of them are purple, and $\frac{1}{5}$ of the remaining flowers are pink. If there are 128 flowers, how many flowers are pink?

$\frac{1}{8}+\frac{1}{4}=\frac{1}{8}+\frac{2}{8}=\frac{3}{8}$ of the flowers are red + purple

$\frac{3}{8}$ of $128=\frac{3\times 128^{16}}{8_{1}}=48$

$128-48=80$

$\frac{1}{5}$ of $80=\frac{80}{5}=16$

16 flowers are pink.