Name: $\qquad$

## Variables and Equations Word Problems

Directions: Find the missing value.

1. An athlete ran 30 miles last week over a total of d days. The athlete always runs 5 miles on each run. Find d, the number of days the athlete ran last week.
2. The track field has stands that hold 210 people. After $x$ people sit down, there are 120 seats left. Find $x$.
3. This year, there are n runners on the track team. Each runner gets 2 uniforms. If 32 uniforms were handed out, find $n$.


## ANSWER KEY

1. An athlete ran 30 miles last week over a total of d days. The athlete always runs 5 miles on each run. Find d, the number of days the athlete ran last week.
$d=6$
2. The track field has stands that hold 210 people. After $x$ people sit down, there are 120 seats left. Find $x$.
$x=90$
3. This year, there are n runners on the track team. Each runner gets 2 uniforms. If 32 uniforms were handed out, find $n$.
$\mathrm{n}=16$
