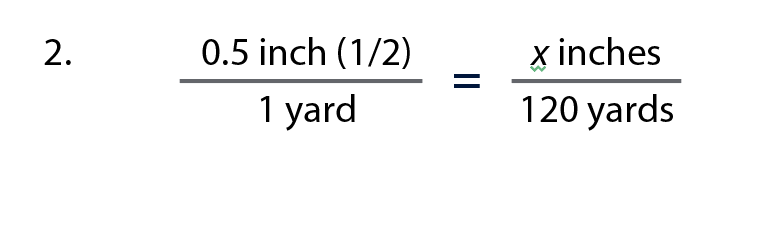
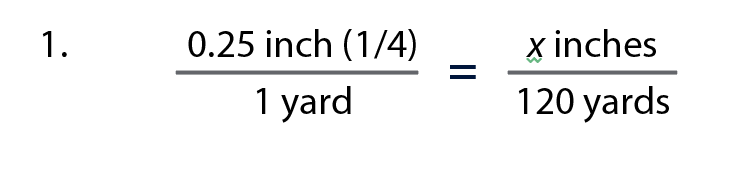
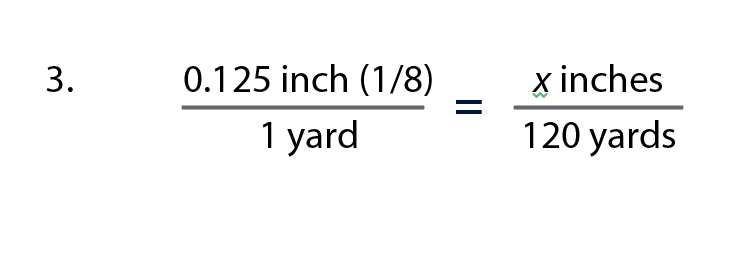
**5.1 Intricacies of a Football Field**

**GRADES 6-8**

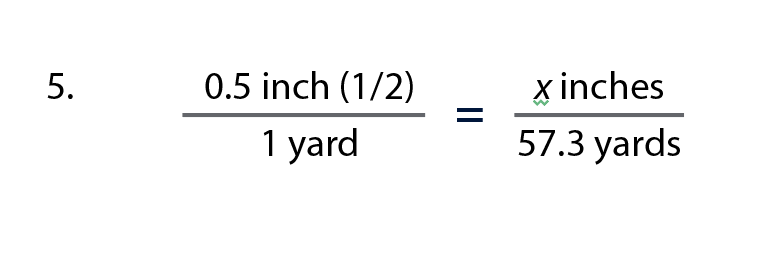
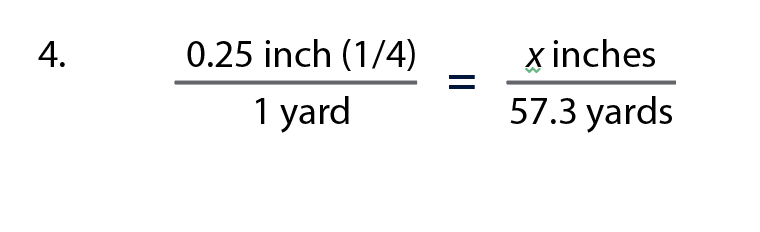
**Try calculating the following to determine the length of a scaled-down field.**

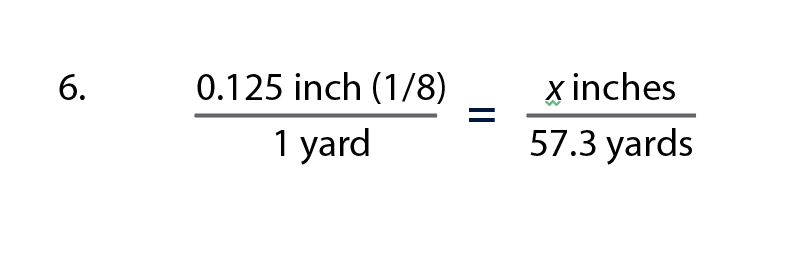
****



**Which of the three scales would have a reasonable end length?**

**Try calculating the following to determine the width of a scaled-down field.**

****

****

**Which of the three scales would have a reasonable end width?**

**Coaches have clipboards that are 8.5 x 11 inches. What scale would you need to ensure the field fits on a single sheet of paper? *Don’t forget that a football field has an additional 10 yards in each end zone.***