

Name: \_\_\_\_\_

Class: \_\_\_\_\_

# Intricacies of a Lacrosse Field

GRADES 6-8

Calculate the following to determine the width of a scaled down lacrosse field .

$$\frac{1.25 \text{ inch } (\frac{1}{4})}{5 \text{ yards}} = \frac{x \text{ inches}}{60 \text{ yards}}$$

$$\frac{.5 \text{ inches } (\frac{1}{2})}{5 \text{ yards}} = \frac{x \text{ inches}}{60 \text{ yards}}$$

$$\frac{.125 \text{ inches } (\frac{1}{8})}{5 \text{ yards}} = \frac{x \text{ inches}}{60 \text{ yards}}$$

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

Name: \_\_\_\_\_

Class: \_\_\_\_\_

# Intricacies of a Lacrosse Field

GRADES 6-8

Calculate the following to determine the length of a scaled down lacrosse field .

$$\frac{.25 \text{ inch } (\frac{1}{4})}{5 \text{ yards}} = \frac{x \text{ inches}}{110 \text{ yards}}$$

$$\frac{.5 \text{ inches } (\frac{1}{2})}{5 \text{ yards}} = \frac{x \text{ inches}}{110 \text{ yards}}$$

$$\frac{.125 \text{ inches } (\frac{1}{8})}{5 \text{ yards}} = \frac{x \text{ inches}}{110 \text{ yards}}$$

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

Coaches have clipboards that are 8.5 x 11 inches. What scale would you use to ensure the field fits on a single sheet of paper