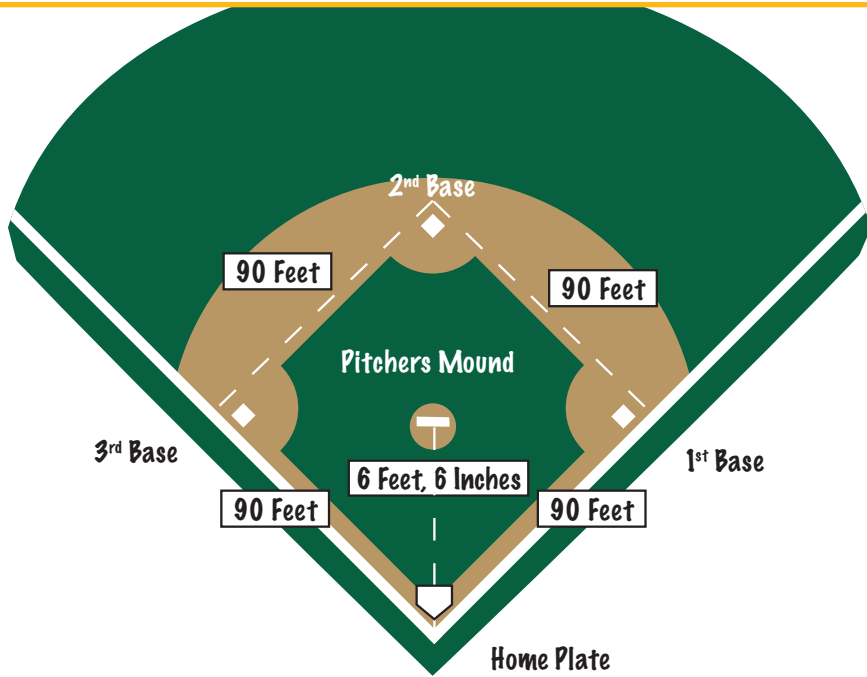


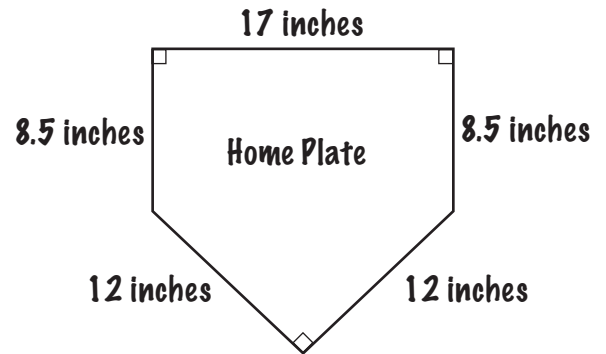


STEM and Baseball

5TH-6TH
Grade



MEASUREMENT & GEOMETRY



1. What type of quadrilateral do the bases form? _____
2. What is the relationship between these two sets of lines, from home plate to first base; and from second base to third base?
3. What is the relationship between these two sets of lines, from home plate to first base; and from first base to second base?
4. Classifying Angles
 - a) All four angles within the base path are classified as what types of angles?
 - b) How many degrees does each angle equal? _____
5. Area & Perimeter
 - a) What is the perimeter of the shape the bases create? _____
 - b) What is the area of the shape the bases create? _____
6. How many inches is it from home plate to the pitcher's mound? _____
7. What is the area of home plate? _____





ANSWER SHEET

MEASUREMENT & GEOMETRY

1. Square
2. Parallel
3. Perpendicular
4. a: Right angles b: 90 degrees
5. a: 360 feet b: 8,100 square feet
6. 78 inches
7. 216.5 square inches

CONGRATULATIONS!

