Elementary School: Coordinate Plane Assessment Key

1. Plane figures are
    a. <mark>Two-dimensional only</mark>
    b. Three-dimensional only
    c. Can be both two and three-dimensional
    d. None of the above

Correct feedback: Yes, plane figures are two-dimensional figures

Incorrect feedback: Nice try! Plane figures are two-dimensional. Please review the finding the properties of plane figures triangle PowerPoint.

2. Polygons are…
    a. Closed plane figures
    b. Made up of line segments
    c. Have sides that do not cross
    d. <mark>All of the above</mark>

Correct feedback: Yes! Polygons are closed plane figures made up of line segments with sides that do not cross.

Incorrect feedback: Sorry! Polygons are closed plane figures made up of line segments with sides that do not cross. Please review the properties of plane figures PowerPoint

3. A polygon with 6 sides is called a(n)
    a. octogon
    b. <mark>hexagon</mark>
    c. heptagon
    d. triangle

Correct feedback: Yes! A polygon with 6 sides is called a hexagon.

Incorrect feedback: Sorry! A polygon with 6 sides is called a hexagon. Please review the properties of plane figures PowerPoint

4. Interior angles are formed by
    a. Two adjacent sides outside the polygon
    b. One line segment
    c. <mark>Two adjacent sides inside the polygon</mark>
    d. Two sides meeting

Correct feedback: Yes! Interior angles are formed by two adjacent sides inside the polygon.

Incorrect feedback: Sorry, Interior angles are formed by two adjacent sides inside the polygon Please review the properties of plane figures PowerPoint

5. Regular polygons have

a. Sides that are the same length
b. Angles that are the same
c. a and b
d. none of the above

Correct feedback: Yes, regular polygons have sides that are the same length and angles that are the same.

Incorrect feedback: Sorry, regular polygons have sides that are the same length and angles that are the same. Please review the properties of plane figures PowerPoint