

High School Color Theory and Geometry Fundamentals

Visual Arts & Geometry · Answer Key · 6 Questions

1. In the traditional RYB color wheel used in visual arts, which three colors are classified as primary colors?

- A) Red, Yellow, Blue**
- B) Red, Green, Blue
- C) Cyan, Magenta, Yellow
- D) Orange, Green, Purple

2. In color theory, what term describes two colors located directly opposite each other on the color wheel?

- A) Analogous colors
- B) Complementary colors**
- C) Monochromatic colors
- D) Triadic colors

3. In visual art and design, what is a pure hue called when white is added to it?

- A) Shade
- B) Tone
- C) Tint**
- D) Saturation

4. In geometry and design, what is the name of a regular two-dimensional polygon with six equal sides?

- A) Pentagon
- B) Hexagon**
- C) Octagon
- D) Heptagon

5. In the RGB additive color model used in digital displays, what color is created by mixing red and green light at full intensity?

- A) Yellow**
- B) Cyan
- C) Magenta
- D) White

6. In art and design theory, what element of art describes a three-dimensional object that has height, width, and depth?

A) Shape

B) Form

C) Texture

D) Line