

EB01A Oscilloscope

SKILL 7: PERFORMING DC VOLTAGE CALCULATIONS

Name	Class/Period	Date

1. OVERVIEW

In this skill, you will perform DC voltage calculations.

2. PERFORMANCE OBJECTIVE

Given readings on oscilloscope screens, calculate the DC voltage.

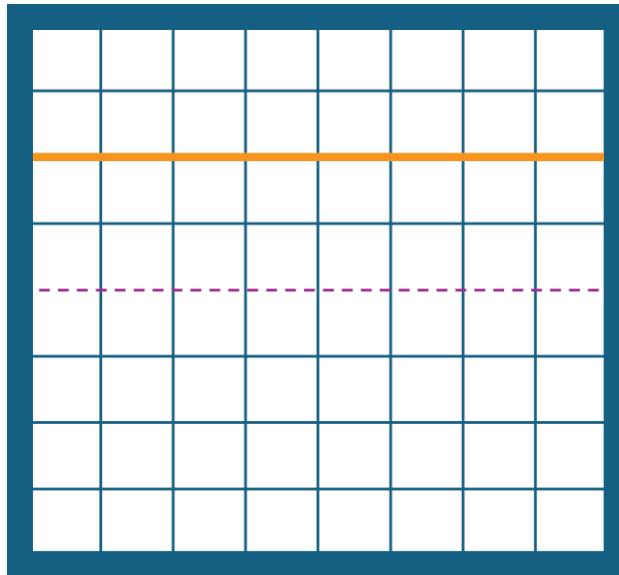
3. SKILL DRILL

For each of the oscilloscope screens below, measure and calculate the DC voltage.

- The voltage and time scales are displayed above each graphic.
- Assume probe attenuation is set to **x1**.

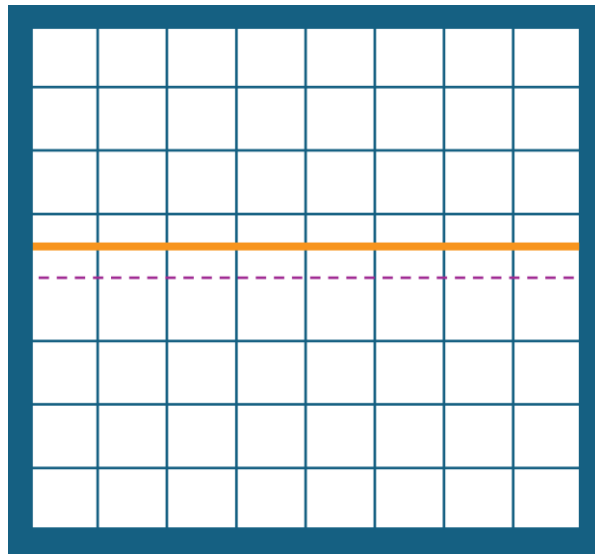
1. Screen 1: 0.5 V/div, 5 ms/div

DC voltage = _____



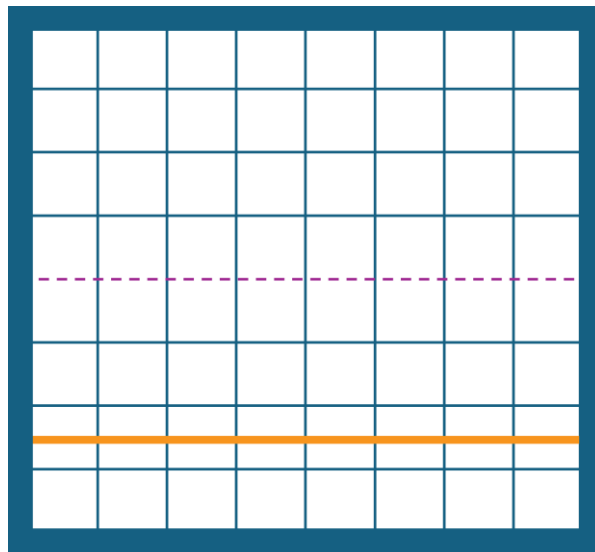
2. **Screen 2:** 6 V/div, 100 μ s/div

DC voltage = _____



3. **Screen 3:** 10 V/div, 50 ms/div

DC voltage = _____



4. AUTHENTIC SKILL ASSESSMENT

Have your instructor verify that your work meets the requirements in the Performance Objectives and sign below. Keep this lab activity sheet for future reference.

Instructor Signature	Date