ACT-Based Math Activity 1 Answer Key

UNIT: PRACTICE FIRST AID KIT UNIT

### ⚡Activity 1**: Calculating Wound Area**

## ACT-Style Math Question for PRACTICE FIRST AID KIT

A hiker falls and sustains two separate scrapes: one measuring **6 cm × 3 cm** and the other measuring **4 cm × 5 cm**.

* **What is the combined area of both wounds?**
* If wounds covering more than **30 cm²** are considered "severe injuries," does this patient require immediate medical attention?

**ACT Question Example:** A wound measures **4 cm by 3 cm**. What is the total wound area?

A) 7 cm²   
B) 12 cm²   
C) 15 cm²   
D) 18 cm²

(Correct Answer: B)