UNIT: FIRST AID

ACT-Based Math: Calculating Wound Area Answer Key

## ACT-Style Question:

* 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?
  + A wound measures **4 cm by 3 cm**. What is the total wound area?

1. 7 cm²
2. 12 cm²
3. 15 cm²
4. 18 cm²

***(Correct Answer: B)***