UNIT: FIRST AID

ACT-Based Math: Dosage Calculation for Pain Management Answer Key

## ACT-Style Question:

* A patient weighs **38 kg** and needs **3 mg per kg** of pain relief medication. What is their total required dosage?

1. 76 mg
2. 100 mg
3. 114 mg
4. 120 mg

***(Correct Answer: A)***

* A patient weighing **50 kg** requires **5 mg per kg** of pain relief medication. What is the total dosage?

1. 100 mg
2. 200 mg
3. 250 mg
4. 300 mg

***(Correct Answer: C)***