

NURSINGWORKSHEETS.COM | FREE EDUCATOR REVIEW SAMPLE

Dosage Calculation Educator Review Sample

A limited preview for nursing instructors evaluating the format, instructional level, and calculation workflow.

Status	Version	Review
Free, unpriced review draft	Pack v1 / Generator v3	Clinical and editorial review pending

PUBLIC SAMPLE BOUNDARY This sample includes one student worksheet and does not include instructor answers. It is for educator review only and is not approved for classroom assessment, high-stakes decisions, or patient care.

What is included

- A concise methodology and safety overview.
- One ten-item Form A student worksheet with calculation workspace.
- Version information so an educator can identify the exact review sample.

What is intentionally excluded

- Instructor answers, worked solutions, and teaching notes.
- Any pricing, checkout, subscription, or commercial terms.

For educational use only. These scenarios practice calculation mechanics and do not establish medication appropriateness, a safe dose, or patient-specific care. Always verify orders, concentrations, clinical judgment, and facility protocols.

EDUCATOR REVIEW | 1 OF 1

What this sample can - and cannot - show

The worksheet items are produced from deterministic, versioned rules. That makes the calculation output reproducible for review; it does not make the content clinically reviewed, institutionally approved, or appropriate for patient-specific decisions.

Reproducibility

- The same source seed and generator version reproduce the same source question.
- Displayed prompts and calculated results come from the same canonical item data.
- No AI model determines arithmetic, conversion factors, rounding, or calculated results.

CLINICAL BOUNDARY Correct arithmetic does not establish whether an order, dose, concentration, route, or rate is clinically appropriate. Verify calculations, references, program policies, and medication-safety requirements independently.

Join the educator review cohort

NursingWorksheets.com is inviting 5-10 nursing instructors to review the complete draft materials. The cohort is free and unpriced. Email d@nieltran.com with the subject 'Educator review pilot,' your course level, and what you would like to review. Do not send student, grade, or patient information.

STUDENT COPY | FORM A | PAGE 1 OF 3

Dosage Calculation Skills Check

FORM A

Balanced clinical application and challenge practice | Version DCE-SP1-A-G3 | Generator v3

Name: _____ Date: _____

INSTRUCTIONS Show setup and units. Round only at the final step unless instructed. Use a leading zero for values below 1 and do not add a trailing zero. Educational practice only - not patient-specific care.

1. MED-1 | Tablets

The provider orders 200 mg of a medication. Available tablets contain 100 mg each. How many tablets should be administered?

Answer and unit: _____

2. MED-2 | Oral liquid

The provider orders 250 mg of a liquid medication. The bottle is labeled 125 mg per 5 mL. How many mL should be administered?

Answer and unit: _____

3. MED-3 | Reconstitution

After reconstitution, a vial contains 200 mg/mL. The order is for 600 mg. How many mL should be withdrawn?

Answer and unit: _____

Student copy | Form A | DCE-SP1-A-G3

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Dosage Calculation Skills Check

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4. WGT-1 | Weight-based dose to volume

For calculation practice, a 16 kg child is ordered 7.5 mg/kg/dose. The liquid is available as 100 mg per 5 mL. How many mL are needed for one dose?

Answer and unit:

5. CONV-1 | Unit conversion

Convert 2.25 g to mg.

Answer and unit:

6. IV-1 | IV pump rate

An IV order calls for 120 mL to infuse over 0.75 hours. What pump rate should be programmed in mL/hr?

Answer and unit:

7. IV-2 | Gravity drip

1000 mL is to infuse by gravity over 12 hours. The tubing drop factor is 20 gtt/mL. Calculate the flow rate in gtt/min.

Answer and unit:

Student copy | Form A | DCE-SP1-A-G3

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Dosage Calculation Skills Check

FORM A

Balanced clinical application and challenge practice | Version DCE-SP1-A-G3 | Generator v3

8. IV-3 | Infusion time

An IV bag has 375 mL remaining and is infusing at 85 mL/hr. How long will the remaining volume infuse?

Answer and unit:

9. WGT-2 | Weight-based infusion

For calculation practice, an infusion contains 250 mg in 100 mL. A 94 kg patient is ordered 6.5 mcg/kg/min. Calculate the pump rate in mL/hr.

Answer and unit:

10. CONV-2 | Unit conversion

Convert 187 lb to kg. Round to the nearest hundredth.

Answer and unit:

Student copy | Form A | DCE-SP1-A-G3