

Quick Checks

5 Item, Single Standard Assessments...



...to Help Teachers Focus Instruction

- **Classroom Ready Tests — Built by Experts — Designed to Measure Mastery**
- **Short enough to administer in a single class lesson — Targeted enough to inform instruction**
- **Written specifically for California to cover Essential Standards in ELA and Math, Grades 2-8**
- **Distractor rationales for each item to guide instruction**
- **Balances classroom and district assessments**

Over for samples >

Quick Check

Directions: Answer all questions on the answer sheet provided. When you are finished with a page, go on to the next page.

Read the following passage and answer questions 1 through 5.

Directions for Jump-Starting a Car

- Always wear safety goggles and gloves when using one car battery to jump start another.
- Turn off all air conditioners, radios, lights, and other electrical appliances in both vehicles.
- Be sure both cars are in park or else in neutral with the parking brake engaged.
- Connect the positive pole on the live battery to the positive pole on the dead battery.
- Connect the negative pole on the live battery to a substantial piece of metal on the car with the dead battery.
- Rev the engine of the car with the live battery.
- Try to start the car with the dead battery.
- As soon as the car starts, quickly and carefully remove the jumper cables, making sure their ends do not touch.

1 Which of the following is MOST LIKELY the purpose for step 2?

- to avoid draining power away from the battery
- to protect one's eyes and hands
- to avoid causing a short circuit with the cables
- to ensure that neither car rolls

2 Which of the following is the BEST reason for step 6?

- to give extra power to the live battery
- to make the best possible connection
- to avoid a surge damaging an appliance
- to actually get the dead battery to start

3 In which step are the batteries FIRST hooked up with jumper cables?

- step 1
- step 2
- step 3
- step 4

4 After the battery connections are made in these directions, what is the negative pole of the dead battery connected to?

- It is not connected to anything.
- It is connected to the negative pole on the live battery.
- It is connected to a substantial piece of metal.
- It is connected to the positive pole on the live battery.

5 Which of the following is necessary to start a car by following these directions?

- a car with a working battery
- a car with air conditioning
- a parking brake
- a headlight

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Rationale: Quick Check

1 Which of the following is MOST LIKELY the purpose for step 2?

Rationale: Draining power away from the battery one's eyes and hands causing a short circuit with the cables that neither car rolls

LA.8.R.2.5 > Comprehension
Understand and explain the use of a complex mechanical device by following technical directions.

Answer Choice Rationales

- Correct**
- Step 1 is about wearing safety goggles and gloves.
- Step 8 explains making sure the cable ends do not touch.
- Step 3 describes making sure both cars are in park or neutral with the parking brake engaged.

2 Which of the following is the BEST reason for step 6?

Rationale: Extra power to the live battery the best possible connection surge damaging an appliance get the dead battery to start

LA.8.R.2.5 > Comprehension
Understand and explain the use of a complex mechanical device by following technical directions.

Answer Choice Rationales

- Correct**
- Step 5 addresses how to make the best possible connection.
- Step 2 describes turning off all appliances.
- Step 7 describes how to start the car with the dead battery.

3 In which step are the batteries FIRST hooked up with jumper cables?

Rationale: are the batteries FIRST hooked up with jumper cables?

LA.8.R.2.5 > Comprehension
Understand and explain the use of a complex mechanical device by following technical directions.

Answer Choice Rationales

- This step is about safety precautions.
- This step is about turning off all appliances.
- This step is about making sure the cars are in park or neutral with the parking brakes engaged.
- Correct**

4 After the battery connections are made in these directions, what is the negative pole of the dead battery connected to?

Rationale: Connected to anything. Connected to the negative pole on the live battery. Connected to a substantial piece of metal. Connected to the positive pole on the live battery

LA.8.R.2.5 > Application
Understand and explain the use of a complex mechanical device by following technical directions.

Answer Choice Rationales

- Correct**
- This pole is connected to a substantial piece of metal on the car with the dead battery, as indicated in step 5.
- The negative pole of the live battery is connected to a substantial piece of metal.
- This pole is connected to the positive pole of the dead battery, as indicated in step 4.

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Rationale: Quick Check

4 After the battery connections are made in these directions, what is the negative pole of the dead battery connected to?

LA.8.R.2.5 > Comprehension
Understand and explain the use of a complex mechanical device by following technical directions.

Answer Choice Rationales

- Correct**
- The air conditioner in the car with the dead battery is turned off before attempting to start the battery, so air conditioning is not necessary for the task.
- The parking brake is set before attempting to start the car, but a parking brake is not necessary for the task.
- The lights are turned off before attempting to start the car, but headlights are not necessary for the task.


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Quick Check

Directions: Answer all questions on the answer sheet provided. When you are finished with a page, go on to the next page.

Read questions 1 through 5 and select the best answer.

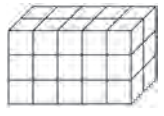
1 A rectangle is 3 inches tall and 4 inches wide.



What is the area of the rectangle?

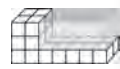
- 12 square inches
- 7 square inches
- 14 square inches
- 34 square inches

2 What is the volume of this solid figure made with cubes?



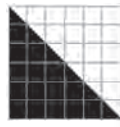
- 30 cubic units
- 15 cubic units
- 10 cubic units
- 6 cubic units

3 How many cubes are needed to complete the solid below?



- 20 cubes
- 10 cubes
- 5 cubes
- 25 cubes

4 What is the area of the shaded triangle?




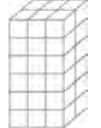


- 18 square units
- 21 square units
- 15 square units
- 36 square units

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Quick Check

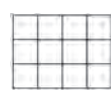
5 Which solid figure has a volume of 18 cubes?

- 
- 
- 
- 

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Rationale: Quick Check

1 A rectangle is 3 inches tall and 4 inches wide.



What is the area of the rectangle?

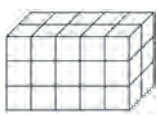
- 12 square inches
- 7 square inches
- 14 square inches
- 34 square inches

MA.3.MG.1.2 > Application
Estimate or determine the area and volume of solid figures by covering them with squares or by counting the number of cubes that would fill them.

Answer Choice Rationales

- Correct**
- This is the result of adding the two sides of the rectangle.
- This is the perimeter of the rectangle.
- This is the result of combining the two numbers from the stem.

2 What is the volume of this solid figure made with cubes?



- 30 cubic units
- 15 cubic units
- 10 cubic units
- 6 cubic units

MA.3.MG.1.2 > Application
Estimate or determine the area and volume of solid figures by covering them with squares or by counting the number of cubes that would fill them.

Answer Choice Rationales

- Correct**
- This is the result of finding the volume of the face layer of the object.
- This is the result of finding the volume of the top layer of the object.
- This is the result of finding the volume of the side layer of the object.

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