

Evidence of Student Work BSICS

4th Grade - 4.0A.B.4

The work in this lesson builds from multiplication and division concepts and fluency developed in a prior unit.

Average: 100%

Sample of 3 students where they got the answer correct because both answers were correct, however, none of the students provided the correct reasoning.

✓ 1.1

Comment

All of the fourth-grade classes are getting together for a party. They have tables where 6 people can sit and tables where 8 people can sit. There will be 72 students that need seats.

If you may only use one type of table, which type of table would you choose?

✓ Your answer is **correct**

✓

A

6 person table

B

8 person table

✕ Min

1

/

1

✓ Max

✎

1.2

Comment

Explain or show your reasoning.

- Draw in the box.
- Select

T

to type.

▶ Play

because
6x3=18

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If you may only use one type of table, which type of table would you choose?

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1

/

1

✓ Max

1.2

Comment

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- Draw in the box.
- Select

T

to type.

▶ Play



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/

1

✓ Max



1.2



Comment

Explain or show your reasoning.

- Draw in the box.
- Select

T

to type.

▶ Play



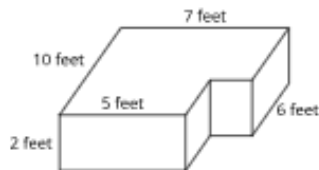
5th Grade - 5.1.11

Not aligned to any standard. Volume of a sandbox and reasoning.

13% average

Did the teacher or TA help with certain students?

A preschool is building a sandbox. Below is a diagram that shows the side lengths of the sandbox.



What is the volume of the sandbox?

✓ Your answer is correct.

Type your answer in the box.

✓ 124

1.2

Comment

Explain or show your reasoning.

- Draw in the box.
- Select

T

to type.

▶ Play

$$V_A + V_B = V_T$$

$$V_A = 5 \times 2 \times 10 = 100$$

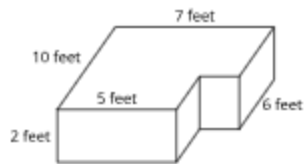
$$V_B = 2 \times 2 \times 6 = 24$$

$$\begin{array}{r} 100 \\ + 24 \\ \hline 124 \end{array} = V_T$$

1.1

Comment

A preschool is building a sandbox. Below is a diagram that shows the side lengths of the sandbox.



What is the volume of the sandbox?

✓ Your answer is **correct**.

Type your answer in the box.

✓ 124

1.2

Comment

Explain or show your reasoning.

- Draw in the box.
- Select

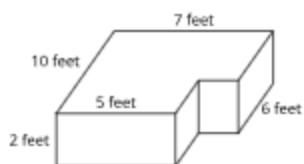
T

to type.

▶ Play

i did $5 \times 2 \times 10$ witch gave me
100 then i did $2 \times 2 \times 6$ witch
gave me 24 then i did 100
+ 24 witch gave me
124

A preschool is building a sandbox. Below is a diagram that shows the side lengths of the sandbox.



What is the volume of the sandbox?

✖ Your answer is incorrect.

Type your answer in the box.

✖ 1700

Correct answers

✔ 124 cubic feet

1.2

Comment

Explain or show your reasoning.

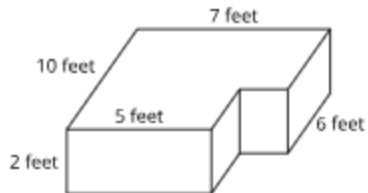
- Draw in the box.
- Select

T
to type.

Play



A preschool is building a sandbox. Below is a diagram that shows the side lengths of the sandbox.



What is the volume of the sandbox?

✖ Your answer is **incorrect**.

Type your answer in the box.

✖ 35

Correct answers

✓ 124 *cubic feet*

1.2

Comment

Explain or show your reasoning.

- Draw in the box.
- Select

T
to type.

▶ Play

$va+vb+=vt$

$va=5 \times 2 \times 10$

$vb=2 \times 2 \times 6$