Volume of Rectangular Prisms

Grade 5 Math Worksheet - Challenge Me

Name _____ Date _____

Read each story. Find the missing side and write it on the line.

1. A shoe box holds 100 cubic cm. It is 5 cm long and 5 cm wide. How many cm tall is it?

_____

2. A cooler holds 120 cubic in. It is 8 in long and 5 in tall. How many in wide is it?

_____

3. A moving box holds 144 cubic ft. It is 8 ft wide and 6 ft tall. How many ft long is it?

_____

4. A toy chest holds 252 cubic ft. It is 6 ft long and 6 ft wide. How many ft tall is it?

_____

5. A fish tank holds 72 cubic cm. It is 9 cm long and 2 cm tall. How many cm wide is it?

_____

6. A sandbox holds 24 cubic ft. It is 2 ft wide and 3 ft tall. How many ft long is it?

_____

Scan to get this marked free. No screen time for your child.
Print it · do it in pencil · scan it · PencilGo picks the next sheet.

Volume of Rectangular Prisms

Answer Key - Grade 5 Math Worksheet - Challenge Me

Read each story. Find the missing side and write it on the line.

1. A shoe box holds 100 cubic cm. It is 5 cm long and 5 cm wide. How many cm tall is it?

4

2. A cooler holds 120 cubic in. It is 8 in long and 5 in tall. How many in wide is it?

3

3. A moving box holds 144 cubic ft. It is 8 ft wide and 6 ft tall. How many ft long is it?

3

4. A toy chest holds 252 cubic ft. It is 6 ft long and 6 ft wide. How many ft tall is it?

7

5. A fish tank holds 72 cubic cm. It is 9 cm long and 2 cm tall. How many cm wide is it?

4

6. A sandbox holds 24 cubic ft. It is 2 ft wide and 3 ft tall. How many ft long is it?

4