

Freddie's Frog Pond

Grade 2 · Holding the same amount · OK.2.GM.2.3

Name _____

Date _____



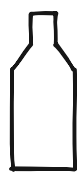
Freddie the frog lives in a busy pond full of bugs, lily pads and friends. Solve each problem to help Freddie out!

Same amount, different shapes

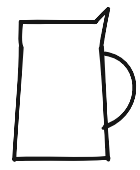
Each was filled to the top, one cup at a time. Circle the two that hold the same amount.



7 cups



10 cups



4 cups



7 cups

Which holds more? Each was filled to the top. Count the cups, not how tall it looks.

Container	Cups
bucket	7
vase	15
bowl	13

Which one holds the most? _____

How many more cups does the vase hold than the bucket? _____

How many cups do all three hold together? _____

Taller holds more? Think about how many cups fill each one.

Hugo fills a tall vase with 6 cups and a short bowl with 6 cups. Dev says the vase holds more because it is taller. Is Dev right? **yes** **no**

Dev fills a jug with 8 cups and a bottle with 6 cups. Does the jug hold more? **yes** **no**

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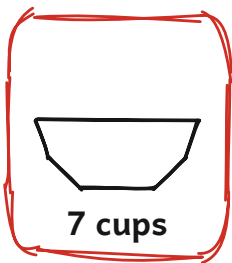
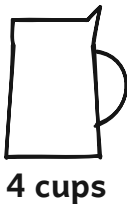
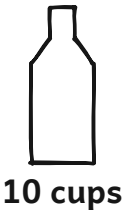
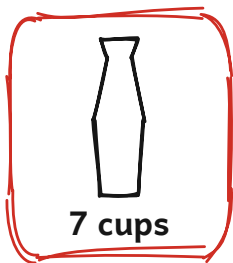
ANSWER KEY



Freddie the frog lives in a busy pond full of bugs, lily pads and friends. Solve each problem to help Freddie out!

Same amount, different shapes

Each was filled to the top, one cup at a time. Circle the two that hold the same amount.



Which holds more?

Each was filled to the top. Count the cups, not how tall it looks.

Container	Cups
bucket	7
vase	15
bowl	13

Which one holds the most? vase

How many more cups does the vase hold than the bucket? 8

How many cups do all three hold together? 35

Taller holds more?

Think about how many cups fill each one.

Hugo fills a tall vase with 6 cups and a short bowl with 6 cups. Dev says the vase holds more because it is taller. Is Dev right? yes **no**

Dev fills a jug with 8 cups and a bottle with 6 cups. Does the jug hold more? **yes** no



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GUIDE

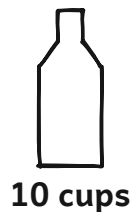
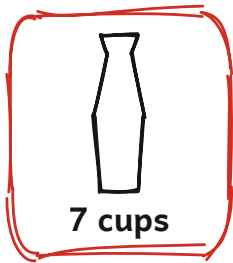
1 What this sheet practises

Seeing that containers of different shapes can hold the same amount, and comparing how much they hold by the cups that fill them.

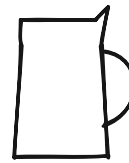
2 A problem from the sheet, worked out

Same amount, different shapes

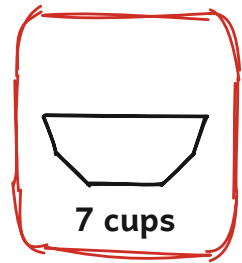
Each was filled to the top, one cup at a time. Circle the two that hold the same amount.



10 cups



4 cups



How: Look at the number of cups, not the shape: a tall thin vase and a short wide bowl can both hold 6 cups.

3 Words to know

capacity how much a container holds

cup a unit for measuring how much liquid

holds more takes more cups to fill

same amount takes the same number of cups

4 Watch for

- Picking the tallest container as the one that holds the most.
- Comparing the drawings instead of the numbers of cups.
- Adding when the question asks how many more.

5 Where it fits

BEFORE

2.MD.A.1

Measure length with a ruler, yardstick, meter stick or tape.

THIS SHEET

2.GM.2.3

Explore how containers of different shapes can hold the same amount.

NEXT

3.MD.A.2

Measure and estimate liquid volume and mass in liters, grams and kilograms.

6 Helping at home

Fill a tall glass with water, then pour it into a wide bowl. Ask: is there more water now, or the same?

