

Review & Practice

Start 2 Finish Puzzles

Estimate Liquid Volume and Mass

ESTIMATE LIQUID VOLUME & MASS

START Estimate the Volume: What has a volume of 30 mL? A medicine cup or A shampoo bottle

MEDICINE CUP Estimate the Mass: What has a mass of 0.4 g? A dime or A chair

DIME Estimate the Volume: What has a volume of about 100 L? A kiddie pool or A cake pan

KIDDIE POOL Estimate the Mass: What has a mass of about 400 kg? A polar bear or A pig

POLAR BEAR Estimate the Mass: What has a mass of about 145 g? A baseball or A chair

BASEBALL Estimate the Volume: What has a volume of about 250 mL? A shampoo bottle or A kiddie pool

SHAMPOO BOTTLE Estimate the Volume: What has a volume of about 1.5 L? A cake pan or A medicine cup

CAKE PAN Estimate the Mass: What has a mass of about 10 kg? A chair or A polar bear

CHAIR Estimate the Mass: What has a mass of about 90 kg? A dime or A pig


PIG **YOU DID IT! FINISHED**



Created By The Owl Teacher


ESTIMATE LIQUID VOLUME & MASS

Cut out each strip below. Glue the start strip in the top rectangle to the left. Then solve the problem on that strip. Next, find the strip with the answer in the star. Glue that one in the next rectangle. Continue until you have arrived at the "finish" strip.




START

Estimate the Volume:
What has a volume of 100mL?
A tea cup or A jug of milk




FROG

Estimate the Volume: What has a volume of 1.75 L?
A barrel or An carton of orange juice




FOOTBALL

Estimate the Mass:
What has a mass of 1 g?
A stapler or A paper clip




BARREL

YOU DID IT! FINISH!




PING PONG BALL

Estimate the Mass:
What has a mass of about 300 g?
A frog or An elephant




TEA CUP

Estimate the Mass:
What has a mass of 500 g?
A ping pong ball or A football




CARROT

Estimate the Volume: What has a volume of about 4 L?
A jug of milk or A cup of water




CARTON OF ORANGE JUICE

Estimate the Volume: What has a volume of about 160 L?
A carton of orange juice or A barrel



PAPER CLIP

Estimate the Mass:
What has a mass of about 18 g?
A carrot or A ping pong ball



JUG OF MILK

Estimate the Mass:
What has a mass of about 3 g?
A frog or A ping pong ball

ESTIMATE LIQUID VOLUME & MASS

Cut out each strip below. Glue the start strip in the top rectangle to the left. Then solve the problem on that strip. Next, find the strip with the answer in the star. Glue that one in the next rectangle. Continue until you have arrived at the "finish" strip.

START What is the volume of a bottle of water?
100 mL or 950 mL

3.8 L What is the volume of an average bath tub?
950 mL or 190 L

1,500 kg What is the volume of a gallon of milk?
3.8 L or 350 mL

624 g What is the mass of a basketball?
7 kg or 2.5 kg

15 kg What is the volume of an average mug?
3.8 L or 350 mL

2.5 g **YOU DID IT! FINISHED**

950 mL What is the mass of an average car?
1,500 kg or 6,000 g

7 kg What is the approximate mass of a basketball?
624 g or 75 kg

190 L What is the mass of the average woman in the United States?
1,500 kg or 75 kg

350 mL What is the average mass of a pug (a type of small dog)?
7 kg or 624 g

ESTIMATE LIQUID VOLUME & MASS

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START

What is the approximate volume of a tea cup?

30 KG

**YOU DID IT!
FINISHED**

624 G

What is the volume of a soda bottle?

60 G

What is the approximate mass of a small kid's shoe?

500

What is the approximate mass of a large adult Dalmatian?

2 L

What is the mass of a new born baby?

100 L

What is the mass of a quarter?

100 ML

What is the mass of a chicken egg?

4 KG

What is the approximate volume of a tea kettle?

5.7 G

What is the mass of a basketball?

ESTIMATE LIQUID VOLUME & MASS



Estimate the Volume:
What has a volume of 100mL?
A tea cup or A jug of milk



Estimate the Mass:
What has a mass of 500 g?
A ping pong ball or A football



Estimate the Mass:
What has a mass of 1 g?
A stapler or A paper clip



Estimate the Mass:
What has a mass of about 18 g?
A carrot or A ping pong ball



Estimate the Volume: What has a volume of about 1 L?
A jug of milk or A cup of water



Estimate the Mass:
What has a mass of about 3 kg?
A frog or A ping pong ball



Estimate the Mass:
What has a mass of about 300 g?
A frog or An elephant



Estimate the Volume: What has a volume of 1.75 L?
A barrel or An carton of orange juice



Estimate the Volume: What has a volume of about 160 L?
A carton of orange juice or A barrel



**YOU DID IT!
FINISHED**

ESTIMATE LIQUID VOLUME & MASS



Estimate the Mass: What has a mass of 2.5 g?
A penny or A basketball



Estimate the Volume: What has a volume of about 500mL?
A cup of water or A kettle



Estimate the Mass: What has a mass of about 6,000 kg?
An elephant or A peanut butter jar



Estimate the Volume: What has a volume of about 1 L?
A soda bottle or A small bottle of bubbles



Estimate the Mass:
What has a mass of about 100 g?
An apple or A basketball



Estimate the Mass:
What has a mass of about 625 g?
An apple or A basketball



Estimate the Volume: What has a volume of about 120 mL?
A small bottle of bubbles or A kettle



Estimate the Volume: What has a volume of about 250 mL?
A jug of milk or A cup of water



Estimate the Mass:
What has a mass of about 450 g?
A penny or A peanut butter jar



**YOU DID IT!
FINISHED**