

Cumulative Review

for Chapters 7 to 9

Concepts and Skills

Fill in the blank.

1. Which is longer, 3 meters or 5 meters? _____ m

Measure the pencils.

Then fill in the blanks.



Pencil A



Pencil B

2. Pencil A is _____ centimeters.
3. Pencil B is _____ centimeters.
4. Which pencil is shorter? Pencil _____
5. How much shorter is it? _____ cm

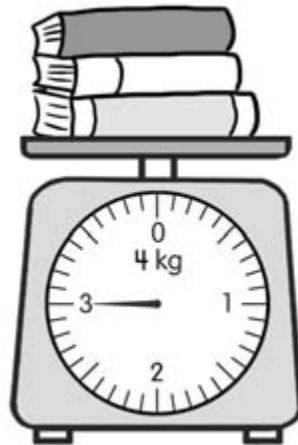
Draw. Then label.

6. Draw a line 7 centimeters long.
Label it Line X.

7. Draw a line 4 centimeters longer than Line X.
Label it Line Y.

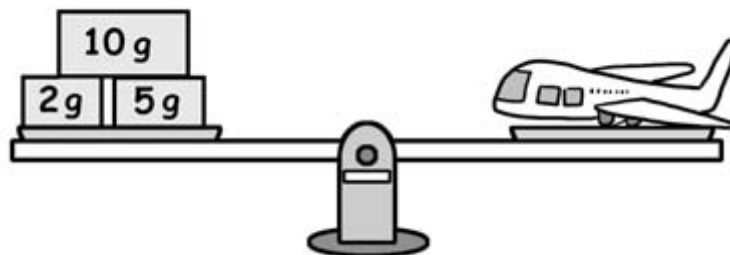
Fill in the blanks.

8.



The books have a mass of _____ kilograms.

9.

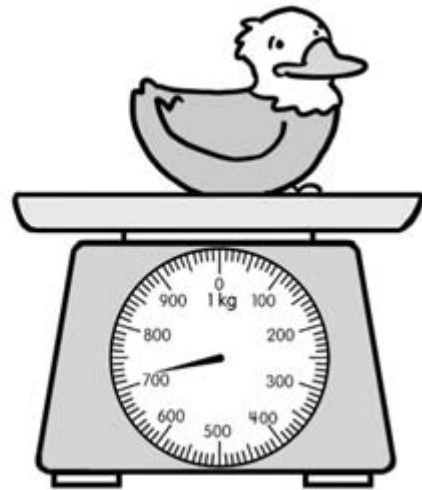
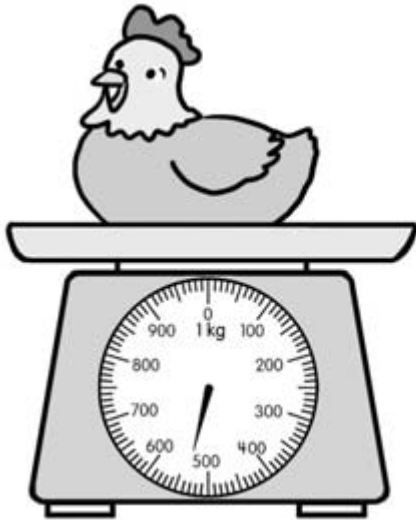


The toy airplane has a mass of _____ grams.

Name: _____

Date: _____

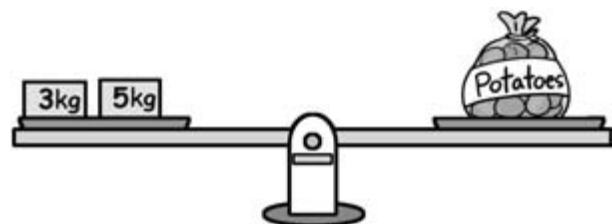
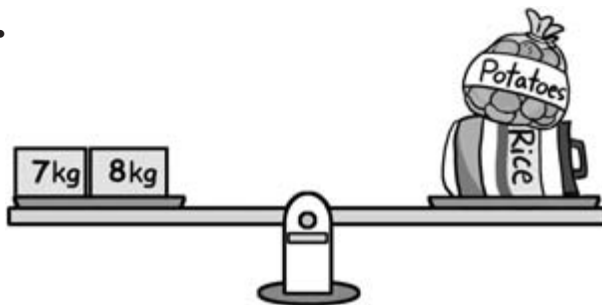
Fill in the blanks.



10. The chicken has a mass of _____ grams.
11. The duck has a mass of _____ grams.
12. Which is lighter? _____
13. How much lighter is it? _____ g

Fill in the blank.

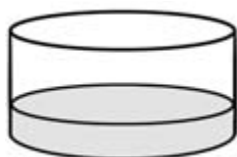
14.



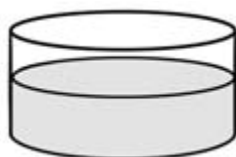
What is the mass of the bag of rice? _____ kg

**Look at the pictures.
Then fill in the blank.**

15.



Container A

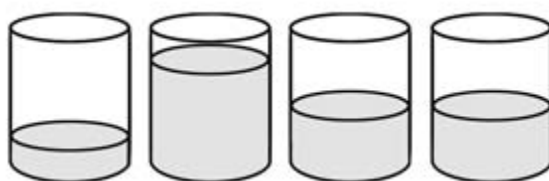


Container B

Containers A and B are the same size.

Which container has a greater volume of water? Container _____

Fill in the blanks.



A

B

C

D

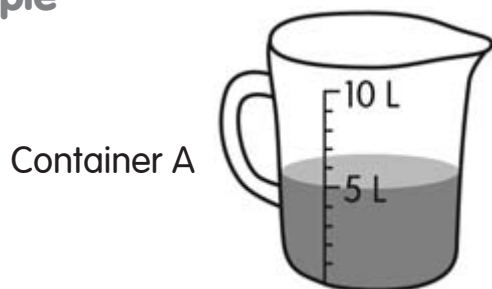
Containers A, B, C, and D are the same size.

16. Which container has the most water? Container _____

17. Container _____ contains the same amount as Container _____.

Find the volume of water in each container.

Example



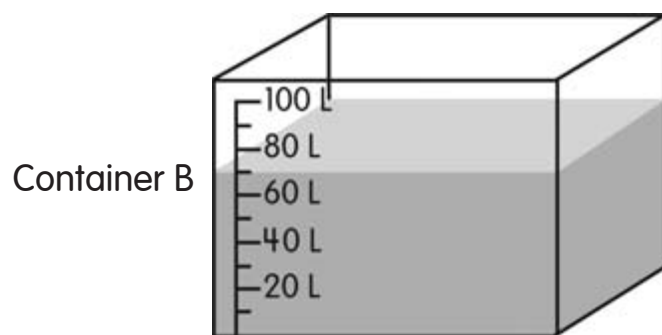
Container A

Volume of water = 5 liters or 5 L

Name: _____

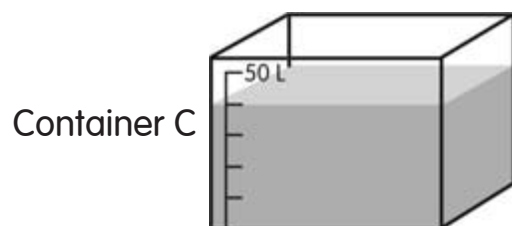
Date: _____

18.



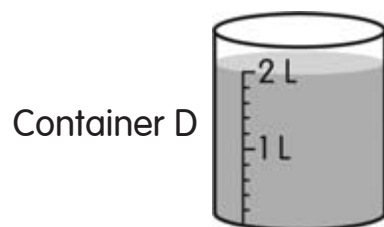
Volume of water = _____ or _____

19.



Volume of water = _____ or _____

20.



Volume of water = _____ or _____

Fill in the blanks.

Use your answers for Exercises 18 to 20.

21. Which container has the greatest volume of water?

Container _____

22. Which container has the least volume of water?

Container _____

Look at the pictures.

The containers are filled with water.

Which containers contain less than 1 liter of water each?

Circle each answer.

23.

1 L

Total volume = 1 L

Total volume = 1 L



Problem Solving

Solve.

Draw bar models to help you.

- 24.** Mrs. Kim's empty suitcase has a mass of 5 kilograms.
After she packs some books into the suitcase, her suitcase has
a mass of 21 kilograms.
What is the mass of the books?

The mass of the books is _____ kilograms.

Name: _____

Date: _____

- 25.** Seth has a ball of string.
He uses 35 centimeters of string to decorate his scrapbook.
He uses another 78 centimeters of string to decorate a gift.
- a.** How much string does he use in all?
 - b.** If he had 200 centimeters of string at first, how much string does he have now?

a. He uses _____ centimeters of string in all.

b. He has _____ centimeters of string now.

- 26.** Tania's hand puppet has a mass of 440 grams.
It is 120 grams heavier than Hector's hand puppet.
What is the total mass of the two hand puppets?

The total mass of the two hand puppets is _____ grams.

- 27.** A tank contains 65 liters of oil.
Another 15 liters of oil are added.
Later, 40 liters are poured out.
What is the volume of oil in the tank in the end?

The volume of oil in the tank in the end is _____ liters.

- 28.** Sarah sells 27 liters of milk in the morning.
She sells another 8 liters of milk in the afternoon.
Ray sells 48 liters of milk.
- a.** Who sells more milk?
 - b.** How much more?

a. _____ sells more milk.

b. _____ sells _____ more liters of milk.