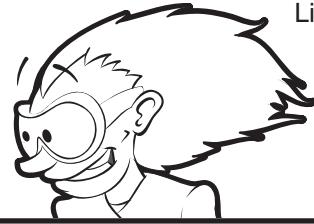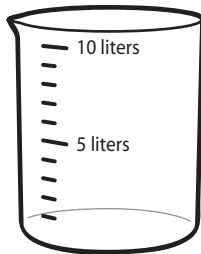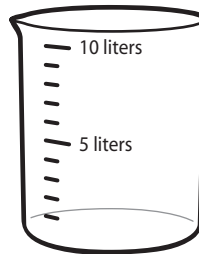Name _____   Date _____

In the Lab

Solve.
Show your work on the beakers.

A Dr. Lou Nee pours 4 liters of purple liquid in a beaker. Then he adds 5 liters of red liquid to the same beaker. How many liters of liquid are in the beaker?
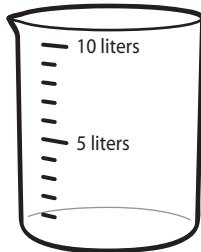
Answer:

10 liters
5 liters

B Dr. Nee decides 10 liters of yellow liquid is too much. He pours out 3 liters. How many liters of yellow liquid are left?
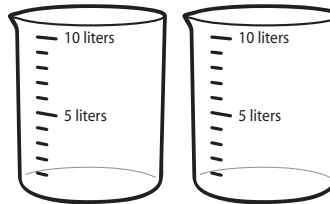
Answer:

10 liters
5 liters

C There are 4 liters of orange liquid in a 10-liter beaker. Dr. Nee adds 4 more liters of orange liquid to the beaker. How many liters of orange liquid are in the beaker now?
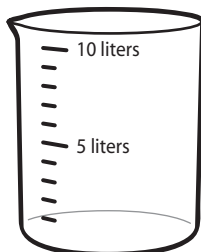
Answer:

10 liters
5 liters

D Dr. Nee has 6 liters of green, bubbling liquid. He decides to pour an equal amount into two beakers. How many liters of green liquid are in each beaker?
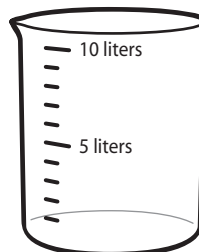
Answer:

10 liters   10 liters
5 liters   5 liters

E Dr. Nee isn't sure what happened. He has 9 liters of black liquid. He started with only 4 liters. How much more black liquid was added to his beaker?

Answer:

10 liters
5 liters

F There are three beakers of brown liquid. Each beaker has 4 liters of liquid in it. Can Dr. Nee pour all the brown liquid into one 10-liter beaker? Why or why not?

Answer:

10 liters
5 liters

Bonus: Write an equation for each problem.

"In the Lab"
Answer Key

Student work will vary.

A. 9 liters
B. 7 liters
C. 8 liters
D. 3 liters
E. 5 liters
F. no; He has 12 liters, which is greater than 10.

Bonus: A. 4 + 5 = 9, B. 10 − 3 = 7, C. 4 + 4 = 8, D. 6 ÷ 2 = 3, E. 9 − 4 = 5, F. 4 x 3 = 12