① Solve for x.

　　(a)　　（ $x \times 4$ ）+ 5 = 37　　　　　　　　　(a) _____

　　(b)　　（ $x \times 7$ ）+ 8 = 64　　　　　　　　　(b) _____

　　(c)　　（ $x \times 4$ ）× 13 = 104　　　　　　　　(c) _____

　　(d)　　（ $x \times 3$ ）÷ 7 = 18　　　　　　　　　(d) _____

② Susan gave Helen 4 stamps and received 9 stamps from Alice. She now has 15 stamps. How many stamps did she have in the beginning?

　　Solution：Let x represent the number of stamps Susan had in the beginning.

　　　　Equation _____

　　　　Answer _____ stamps

③ Lana is 4 years younger than three times her sister's age. If Lana is 14 years old, how old is her sister?

　　Solution：Let x represent the age of Lana's sister.

　　　　Equation _____

　　　　Answer _____ years old

④ Forty-seven students were lined up in six equal rows, plus one row having 5 students. How many students were in each of the six equal rows?

Solution：Let x epresent the number of students in each row.

Equation　＿＿＿＿＿＿＿＿＿＿＿＿＿＿

Answer　＿＿＿＿＿＿＿＿＿＿＿＿ students

⑤ The following balances are level. Answer the questions.
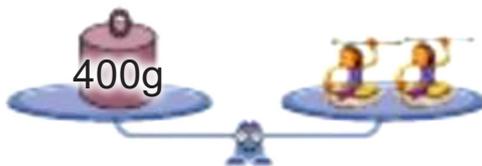
Balance 1　　**Balance 2**

Balance 3

（a）What is the weight of ?　＿＿＿＿＿＿ g

（b）What is the weight of ?　＿＿＿＿＿＿ g

⑥ Kelvin drank $\frac{4}{7}$ of the total volume of juice and Kelly drank $\frac{5}{6}$ of the rest of it. The volume of remaining juice was 35mL.

Volume of juice that Kelvin drank　**Volume of juice that Kelly drank**

Volume of juice remained
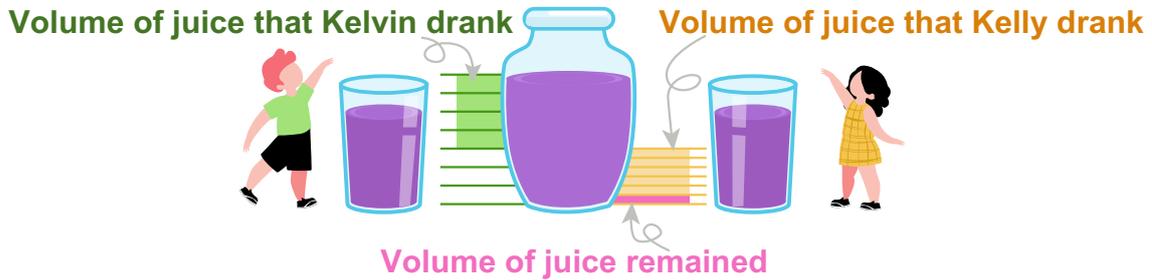
（a）Find out the initial volume of the juice. _____ mL

（b）How much juice did Kelly drink? _____ mL

（c）How much juice did Kelvin drink? _____ mL

⑦ Mickey's father has $100 bills and $10 bills. The difference in the number of each kind of bill is 37 and the total amount he has is $700. Answer the questions.

（a）Write the number of $10 bills so that the total amount is $700 and find the difference in the number of two kinds of bills for each case.

Total amount ($)	700	700	700	700	700	700
Number of $100 bills	6	5	4	3	2	1
Number of $10 bills	10	20				
Difference in the number of bills	4	15				

(b) How many $100 bills and $10 bills does Mickey's father have?

Using the table, find the number of $10 bills when the total amount is $700.

Then find the case where the difference in the number of bills is 37.

_____ $100 bills

_____ $10 bills

* 答案請掃描 QR code。