

① Multiply.

(a)
$$\begin{array}{r} 2.3 \\ \times 3.4 \\ \hline \end{array}$$

(b)
$$\begin{array}{r} 5.5 \\ \times 1.1 \\ \hline \end{array}$$

② Fill in each .

(a)
$$2\frac{7}{8} + 1\frac{3}{10} = 2\frac{\boxed{}}{40} + 1\frac{\boxed{}}{40}$$

$$= 3\frac{\boxed{}}{40} = \boxed{}$$

(b)
$$3\frac{7}{12} - 1\frac{5}{8} = 3\frac{\boxed{}}{24} - 1\frac{\boxed{}}{24}$$

$$= 2\frac{\boxed{}}{24} - 1\frac{\boxed{}}{24} = \boxed{}$$

③ Fill in each and find the quotient and the remainder.

(a)
$$\begin{array}{r} 0.\boxed{}\boxed{} \\ 3.1 \overline{) 2.844} \\ \underline{00} \\ 54 \\ \underline{00} \\ 23 \end{array}$$

Quotient _____

Remainder _____

(b)
$$\begin{array}{r} \boxed{}.\boxed{}\boxed{} \\ 8.4 \overline{) 51.08} \\ \underline{00} \\ 68\boxed{} \\ \underline{00} \\ 8 \end{array}$$

Quotient _____

Remainder _____

④ You have a 3.42 kg bag of flour. If it takes 0.72 kg to make one cake, how many can you make? How much flour will be left?

Solution : _____

Answer : _____ cakes _____ kg

⑤ There is 1.5 L of juice. If you drink 0.5 of the juice, how many L did you drink?

Solution : _____

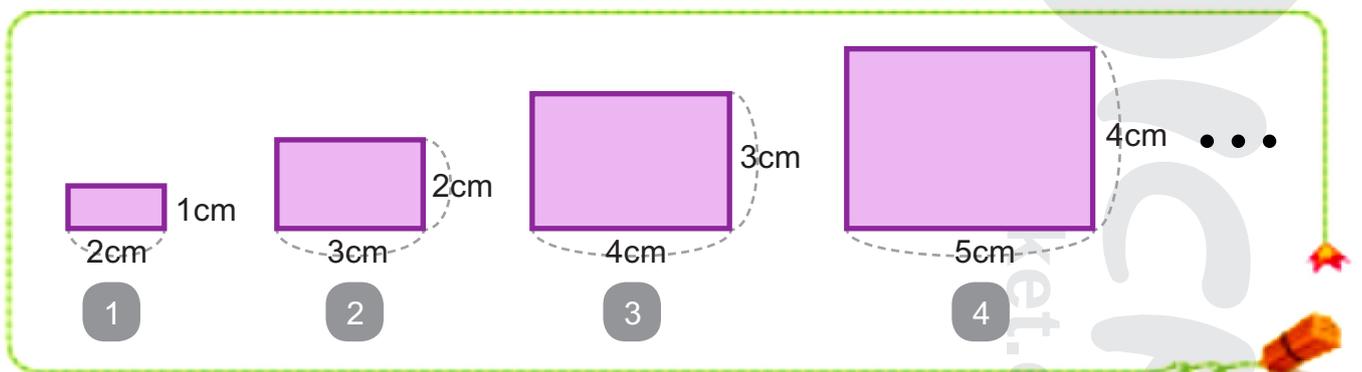
Answer : _____ L

⑥ Alyssa's family has 5 more goats than turkeys. The total number of legs is 50. Find how many turkeys there are by completing the table.

_____ turkeys

Number of turkeys	1	2	3	4	5	6	---
Number of goats	6	7	8				---
Number of legs	26	32					---

⑦ Both the length and width of each rectangle change in a pattern. Figure numbers indicate the order. Answer the questions.



(a) What would be the length and the width of the rectangle in the 5th figure?

(a) Length _____ cm , Width _____ cm

(b) What would be the area of the rectangle in the 5th figure?

(b) _____ cm²

⑧ Aaron, Brittany, and Cortney each had some colored paper that they redistributed among themselves. Each person now has 12 sheets. Read the following statements and answer the questions.

- Aaron gave some colored paper to Brittany, and now Brittany has 3 times the number she originally had.
- Aaron gave some colored paper to Cortney, and now Cortney has 2 times the number she originally had.

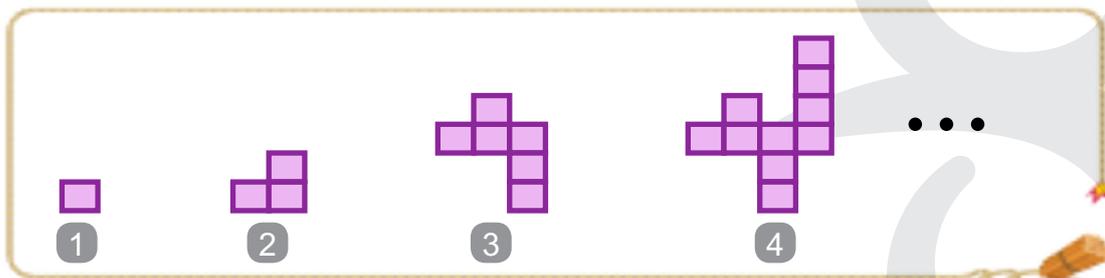
(a) How many sheets of colored paper did Cortney have in the beginning?

(a) _____ sheets of colored paper

(b) How many sheets of colored paper did Brittany have in the beginning?

(b) _____ sheets of colored paper

⑨ The picture below follows an increasing pattern and the figure numbers indicate the order. Answer the questions.



(a) Fill in each .

Number of square () in ① \rightarrow

Number of square () in ② $\rightarrow 1 + 2 =$

Number of square () in ③ $\rightarrow 1 + 2 + 3 =$

Number of square () in ④ $\rightarrow 1 + 2 + 3 + 4 =$

(b) Using the pattern above, fill in each and complete the table.

Figure number	①	②	③	④	⑤	⑥	⑦	...
Number of square ()	1	3	6	10				...

$\underbrace{\hspace{1.5cm}}_{+ 2}$
 $\underbrace{\hspace{1.5cm}}_{+ 3}$
 $\underbrace{\hspace{1.5cm}}_{+ \text{ }}$
 $\underbrace{\hspace{1.5cm}}_{+ \text{ }}$
 $\underbrace{\hspace{1.5cm}}_{+ \text{ }}$
 $\underbrace{\hspace{1.5cm}}_{+ \text{ }}$

