① Calculate. Simplify to the lowest terms.

　（a）　$\dfrac{1}{2} - \left(\dfrac{1}{4} - \dfrac{1}{5} \right) =$

　（b）　$\dfrac{2}{3} + \left(\dfrac{3}{4} - \dfrac{2}{5} \right) =$

② Write each fraction as a decimal and each decimal as a fraction in its simplest form.

　（a）　$0.2 =$

　（b）　$\dfrac{11}{25} =$

③ Multiply. Simplify to the lowest terms.

　（a）　$\dfrac{3}{4} \times \dfrac{1}{2} =$
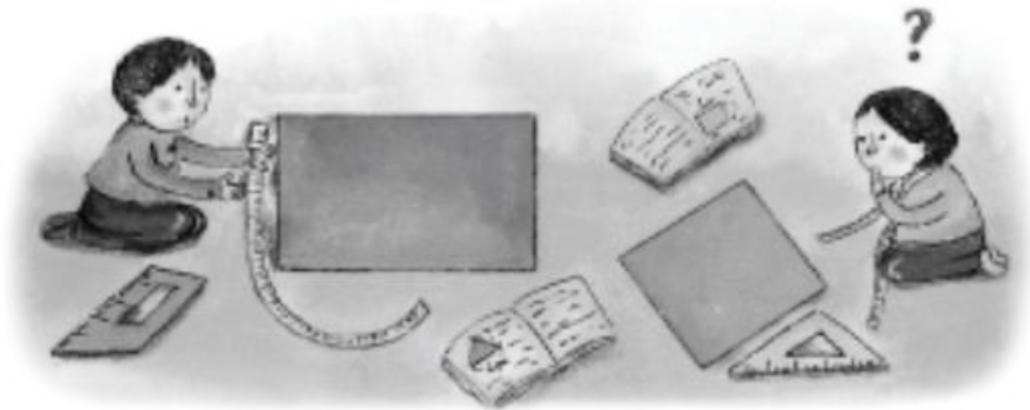
　（b）　$\dfrac{2}{3} \times \dfrac{1}{2} =$

④ Answer the questions using the number cards.

1.25	2.12	2.875	$2\dfrac{12}{100}$	$1\dfrac{25}{100}$

Find the fraction and decimal that has the same value as $1\dfrac{1}{4}$.

$1\dfrac{1}{4} = \boxed{} = \boxed{}$

⑤ What is the area of a rectangle that is $4\frac{1}{2}$ cm long and $2\frac{5}{9}$ cm wide?

Solution _____

Answer _____ cm^2

⑥ Wilson read $\frac{2}{3}$ of a novel in days. He read $\frac{1}{4}$ of the novel on the first day, and $\frac{1}{6}$ of the novel on the second day. How much did he read on the third day? Check the correct solutions.

◯ $\frac{2}{3} - (\frac{1}{4} + \frac{1}{6})$

◯ $\frac{2}{3} - \frac{1}{4} + \frac{1}{6}$

◯ $\frac{2}{3} - \frac{1}{4} - \frac{1}{6}$

Since he read $\frac{2}{3}$ of the book in 3 days, you should subtract what he read on the first and second day from $\frac{2}{3}$.

⑦ The 🟢 and ⭐ represent two different numbers. Find the values of 🟢 and ⭐.


```
        1  🟢
   🟢 ) 7  7
        🟢
        ─────
        ⭐  7
        ⭐  🟢
        ─────
           ⭐
```

🟢 = ☐   ⭐ = ☐

⑧ Find the number pattern, and then write "Yes" or "No" to show if the set of numbers fits the pattern. Then use A, B, C and number operations to show the number relationship.

A	B	C	Decision
27	3	10	(Yes)
24	8	3	(No)
36	9	5	(Yes)
30	5	6	( )
14	2	8	(Yes)

Rule：_____

⑨ Use A, B, and C to find the number pattern. Write the missing number.

A	B	C	Decision
3	8	21	(Yes)
7	3	18	(Yes)
4	9	33	(Yes)
10	2	20	(No)
8	5	( )	(Yes)

* 答案請掃描 QR code。