

1.

20

14

:

?

: n

: p

, l

$$n = k \begin{cases} n = k, n, k, l \in \mathbb{N}, \\ 3l = p, p \in \mathbb{N}, \\ n + l + p < 20, \\ 2n = 14 + l; \\ p = 3l \end{cases}$$

$$\begin{cases} k + l + 3l < 20, \\ 2k = 14 + l; \end{cases}$$

$$: 2kl = l + 14, \quad l + 14 + 8l < 40$$

$$9l < 26, l = 2 \quad l = 1 -$$

$$; \quad l = 2, p = 3l = 6.$$

7
3
1

2.

1%

2 %.

:

m -

, n -

$$100m \cdot \frac{m}{100 - m} \cdot 100 = 2 \Leftrightarrow 2n = 100m.$$

$$\frac{n}{100 - m} = \frac{1}{2} \\ : 1:2.$$

7
3
0

3.
 $D = 1:2.$

: G ,

D , D :
 D F.

AEF?

DG || EC. BG = .

$$: \frac{E}{B} = \frac{C}{D} = \frac{2}{1}.$$

$EG = 2x, AE = EB = 3x.$

ADG

ABD ACD,

$$\frac{S_A}{S_A} = \frac{B}{B} = \frac{1}{3} \quad S_A = \frac{1}{3} S_A .$$

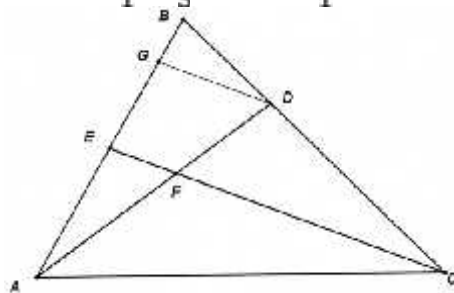
AFE ADG,

$$: \frac{A}{A} = \frac{A}{A} = \frac{3}{5}.$$

$$\frac{S_A}{S_A} =$$

$$\frac{A \cdot A}{A \cdot A} = \frac{A}{A} \cdot \frac{A}{A} = \frac{1}{2} \cdot \frac{3}{5} = \frac{3}{10}.$$

$$S_A = \frac{3}{10} \cdot \frac{1}{3} S_A = \frac{1}{10} S_A .$$



: 0,1

$$\begin{matrix} 7 & - \\ 4 & - \end{matrix} .$$

$$1 \quad - \quad (\quad) .$$

4. $||x| - 2| = 1.$

$$-3 \quad x \quad -1, \quad 1 \quad x \quad 3. \\ : -3 \quad x \quad -1, \quad 1 \quad x \quad 3.$$

$$\begin{matrix} 7 & - \\ 3 & - \end{matrix} ,$$

5. « » 5 , 3 4

?

15, : - , - , - . (-
- 20, 12). ,
: 47.
: 47.

7 - .
5 - , ,
1 - .