

# Exercise 6.

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## Вариант 1.

3	780
4	bbadaac
6	2564137
8	$\frac{55}{58}$

3.  $\overline{\text{|||||}}$   
 $5 \cdot 6 \cdot 6 \cdot 6 = 1080$  - все варианты

$\overline{\text{|||||}}$   
 $5 \cdot 5 \cdot 4 \cdot 3 = 300$  - все разные цифры

$1080 - 300 = \boxed{780}$

4.  $1330 \div 4$

$\begin{array}{r} 12 \\ 13 \\ 12 \\ 10 \\ 8 \\ 2 \end{array}$	$\begin{array}{r} 332 \\ 32 \\ 12 \\ 12 \\ 0 \end{array}$	$\begin{array}{r} 4 \\ 83 \\ 8 \\ 3 \\ 0 \end{array}$	$\begin{array}{r} 4 \\ 20 \\ 20 \\ 0 \end{array}$	$\begin{array}{r} 4 \\ 5 \\ 4 \\ 1 \end{array}$	$\begin{array}{r} 4 \\ 1 \\ 0 \\ 0 \end{array}$
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$A = \{a^0, b^1, c^2, d^3\}$

110302

$\boxed{bbadaac}$

6.  $1164 = 582 \cdot 2 + 0$   
 $582 = 194 \cdot 3 + 0$   
 $194 = 48 \cdot 4 + 2$   
 $48 = 9 \cdot 5 + 3$   
 $9 = 1 \cdot 6 + 3$   
 $1 = 0 \cdot 7 + 1$

$1164_{10} \rightarrow 133200_6$



1	7654321	2
3	765431	5
3	76431	6
2	7631	4
0	731	1
0	71	3
0	7	7

2564137

8. Г-Х

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$$\frac{7}{29} \cdot \frac{6}{28} = \frac{6}{29 \cdot 4} = \frac{3}{58} - \text{ни ошоло}$$

$$1 - \frac{3}{58} = \frac{55}{58}$$

шығары