

1.  $0 \ 1 \ 2 \ 3 \ 4 \ 5 \ 6 \ 7 \ 8 \ 9$

$$\frac{9!}{2!} = \frac{362880}{2} = 181440$$

$$\frac{1061172}{72} = 14738.5$$

$$\frac{123456789}{1001} = 12337.789$$

$$\frac{1001}{123456789} = 8.116 \times 10^{-9}$$

а)  $1 \ 2 \ 3 \ 4 \ 5 \ 6 \ 7 \ 8 \ 9$

$$\frac{999}{2355} = 0.424$$

$$\frac{3547}{2997} = 1.183$$

$$\frac{5467}{5994} = 0.912$$

$$\frac{4995}{7008} = 0.713$$

$$\frac{2728}{6993} = 0.390$$

$$\frac{4557}{6993} = 0.652$$

$$\frac{123456789}{123456789} = 1$$

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3.

P Q R S



$$x_P = x_R = 5$$

$$x_Q = 2$$

$$x_P + x_R = 10$$

то

$$x_S = (x_P + x_R) - x_Q = 8$$

$$x_S = (5 + 5) - 2 = 8$$

$$a) x_S = 8$$

$$b) = 10$$



$$(x_P + x_R) - x_Q$$

$$(2 \cdot 5 + 2 \cdot 5) - 2 = 8$$

(8)

$$a) x_S = 8$$

$$AB \parallel SA = AS \parallel 5$$

$$AB = 5$$

$$5 < 8$$

$$b) AB < 8$$

$$AB \parallel SA < 8$$

$$AB \parallel SA < 8$$

$$10 < 8$$

Қосынды

4)  $210L \underline{M} \underline{N} \underline{P} \underline{Q} \underline{R} \underline{S} \underline{T} \underline{U}$

а)  $398 + 995 + 898 + 2450 + 6709 = 999$  - не болмайды

б)  $2450 + 6709 = 9159$  - не болмайды

2. а) жана

б) жа  $1, 2, 3, 4, 5, 6, 7, 8$

$x=7$   
 $y=7$

$$\frac{x+y}{\sqrt{2}} = \frac{x+y}{\sqrt{2}} \Rightarrow \begin{cases} \frac{4-2}{\sqrt{2}} \\ \frac{4+2}{\sqrt{2}} \end{cases} \Rightarrow \begin{cases} \frac{2\sqrt{2}}{\sqrt{2}} \\ \frac{6\sqrt{2}}{\sqrt{2}} \end{cases} \Rightarrow \begin{cases} \frac{-3\sqrt{2}}{2} \\ \frac{11\sqrt{2}}{2} \end{cases} \Rightarrow \begin{cases} \frac{2\sqrt{2}}{2} \\ \frac{11\sqrt{2}}{2} \end{cases} \Rightarrow \begin{cases} 1\sqrt{2} \\ 5,5\sqrt{2} \end{cases}$$

$2, 2, 3, 3, 5, 6, 6, 8$



$xP = xR = 5$   
 $xQ = 1$

а)  $xS = (xP + xR) - xQ$

$xS = (5 + 5) - 1 = 9$

$xS = 9$

б)  $2: (xP + xR) = xQ + xS$

$2 = 5 + 5 = 1 + 9$

$2 = 10 < 0$

$2 = 10$

$40 \parallel 50 = 9 < 8$

$40 \parallel 50 = 10 < 8$

$40 \parallel 10 < 8$

$10 < 8$

АВ 8-ден кіші емес