№1.

а) А = 2
Д = 3
И = 1
П = 4
М = 5
Л = 6
О = 7.

б) О = 3
Л = 7
И = 4
М = 6
П = 2
А = 5
Д = 1.

№2.

а) $x = 6,\ y = 2$

$\frac{6+2}{\sqrt{2}} = 4\sqrt{2}$

$\frac{6-2}{\sqrt{2}} = 2\sqrt{2}$

$x = 4\sqrt{2},\ y = 2\sqrt{2}$

$\frac{4\sqrt{2} + 2\sqrt{2}}{\sqrt{2}} = 6$

$\frac{4\sqrt{2} - 2\sqrt{2}}{\sqrt{2}} = 2$

Ж: ия

б) 1, 4, 7, 8.

$x = 7,\ y = 1.$ $\quad x = 4\sqrt{2},\ y = 3\sqrt{2}.$

$\frac{7+1}{\sqrt{2}} = 4\sqrt{2}$ $\quad \frac{4\sqrt{2}+3\sqrt{2}}{\sqrt{2}} = 7.$

$\frac{7-1}{\sqrt{2}} = 3\sqrt{2}$ $\quad \frac{4\sqrt{2}-3\sqrt{2}}{\sqrt{2}} = 1.$

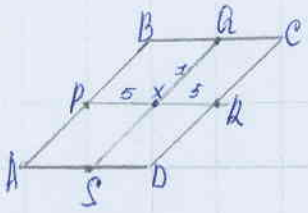
$x = 8,\ y = 4.$ $\quad x = 6\sqrt{2};\ y = 2\sqrt{2}.$

$\frac{8+4}{\sqrt{2}} = 6\sqrt{2}$ $\quad \frac{6\sqrt{2}+2\sqrt{2}}{\sqrt{2}} = 8.$

$\frac{8-4}{\sqrt{2}} = 2\sqrt{2}$ $\quad \frac{6\sqrt{2}-2\sqrt{2}}{\sqrt{2}} = 4.$

Ж: ша

№3.



$XQ = 1$

$XP = XR = 5.$

Т.к: а) $XS = ?$

б) $AB < 8.$

а) $XP = XR \Rightarrow X$ – центр, $XS = XQ = 1.$

б) $AB = QS \Rightarrow AB = 1 \cdot 2 = 2.$

Ж: а) $XS = 1$

б) $AB = 2.$