

11-04

2) $6\sqrt{2} \sin x \operatorname{tg} x - 2\sqrt{2} \operatorname{tg} x + 3 \sin x - 1 = 0, [0, \pi]$

$(6\sqrt{2} \sin x \operatorname{tg} x + 3 \sin x) - (2\sqrt{2} \operatorname{tg} x + 1) = 0$

3) $2\sqrt{2} \operatorname{tg} x + 1 = 0$

$(3 \sin x - 1) \sqrt{2} (\operatorname{tg} x + 1) = 0$

$3 \sin x - 1 = 0$

$3 \sin x = 1$

$\sin x = \frac{1}{3}$

$2\sqrt{2} \operatorname{tg} x + 1 = 0$

$2\sqrt{2} \operatorname{tg} x = -1$

$\operatorname{tg} x = -\frac{1}{2\sqrt{2}}$

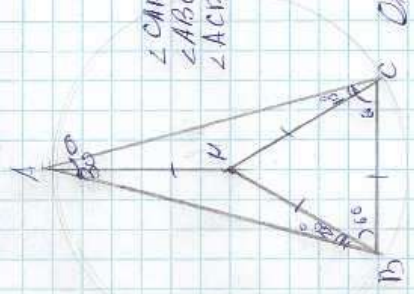
38.

3) Ответ: 63, 110, 140, 175.

- 1 - 8 пар
- 2 - 8 пар
- 3 - 8 пар
- 4 - 8 пар
- 5 - 8 пар
- 6 - 8 пар
- 7 - 8 пар
- 8 - 8 пар

$8 = 64$

4)



$\angle CAB = 30^\circ$

$\angle ABC = 50^\circ$

$\angle ACB = 100^\circ$

$MA, MB, MC = R \Rightarrow$

$MA = MB = MC, TO$

$\angle MAB = \angle MBA = 20^\circ$

$\angle MAC = \angle MCA = 10^\circ$

Ответ: $\angle MAB = 20^\circ$
 $\angle MAC = 10^\circ$

48.

Ответ: 175.