

10.1.  $x=2, x=4, x=5$ .

10.2.  $1/2$ ,

$$a + b - c$$

$a, b, c$

$c$ , ,

$1/2$ .

10.3. (500)

10.4.  $(AB > BC)$ .

$ABC$   
 $BM$   
 $N$ .

$AB$   
 $ABC$

$P$ ,  $BP = BC$

$APMN$  -

$BC, BM$  -  $PBM, CBM$

$$\angle BPM = \angle MCB.$$

$BCA, BNA$

$N$   
 $P$ .

$APMN$  -

10.5. 7.

$$m, n -$$

$$9m + 10n = 33k.$$

$$9m + 10n = 33$$

$$3, n, 0, 3, 33 - 10n$$

9.

$$9m + 10n = 66$$

$$m = 3, n = 4.$$

$n = 0, 3, 6$ .

$$m + n = 7.$$

$k \geq 3$ ,

$$10(m + n) \geq 9m + 10n = 33k \geq 99$$

$$m + n > 8.$$

$1, 33$   
 $: 27-33, 1-3;$

$: 1-9;$   
 $10$

7

$: 10-18;$

$: 19-27;$

.



