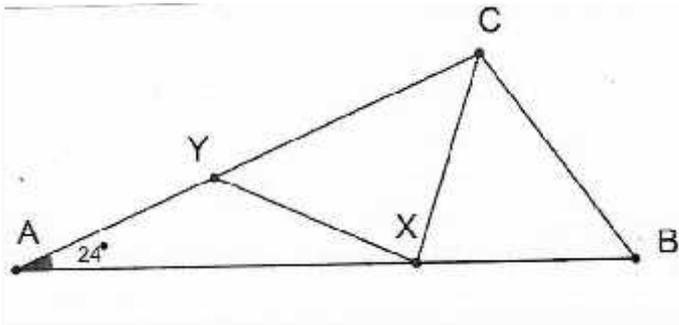


8

1. : ,  
- . ,  
.  
2. : .



A. ,  $AY = XY$  ,  $AY \parallel X$  ,  $\square \angle AXY = \angle XAY = 24^\circ$  ,  
 $\angle XYC = \angle AXY + \angle XAY = 48^\circ$  ,  
 $Y, C, B$  ,  $XY = XC = XB$  ,  
 $\angle XCY = \angle XYC = 48^\circ$  ,  $\angle XCB = \angle ABC$  .  
 $180^\circ = \angle BAC + \angle XCY + \angle XCB + \angle ABC = 24^\circ + 48^\circ + 2\angle ABC$  ,  
 $2\angle ABC = 180^\circ - 24^\circ - 48^\circ = 108^\circ$  ,  $\angle ABC = 54^\circ$  .

:  $54^\circ$  .

3. " " " " , " " " " — " " " " ,  
2 " " " " , . . . 200% .

: 200% .

4.  $x + 4y - 5$  ,  $3x + y - 5$  ,  $3x$  ,  
 $3y = 2x$  ,  $y - 5$  ,  $4y$  ,  
 $5$  ,  $y = 6$  ,  $x = 9$  ,  
 $x + 4y - 5 = 9 + 24 - 5 = 28$  .  
: 28 .

5.  $\overline{ababab} = 10101 \cdot \overline{ab} = 7 \cdot 1443 \cdot \overline{ab}$  ,  $217 = 7 \cdot 31$  .  $31 -$  ,  
1443  $\overline{ab}$  .  $\overline{ababab}$  217 ,  
 $\overline{ab}$  31,  $\overline{ab}$  , 31, 62 93 .

: 3 .