

1

– ($\angle = 90^\circ$), $=b$, $=a$, –

2-

8
5 ,

3-

60° 45°
 $=6$,

4-

16- , 15-

5-

, : $=2:3$, : $=1:2$, 0

6-

ABC $E \in AB, F \in BC, \angle BEF = \angle BCA, AB = n, BF = m$.EBF
- .ABC

7-

120° , L

8-

k $\frac{\sqrt{3}}{2}R$ R.
 k .
 9-
 - i i α i ,
 i i .
 ?

10-

ABC ADEF . $\angle A$
 36- , BDE
 24.

ABC .

11-

6- .
 5 .

12-

$x^2 + (y-5)^2 = 25$ (3;1) , 10-

13-

4 6

14-

D

AB=a;BC=b; CD=c , D

L- 120 .

16-

15 - , 20 - .

17-

ABC D =BC. AC . CD=4, AD=16. ABC

18-

. =16; =9; = ; -

19-

$|a| = 3\sqrt{2}, |b| = 2, \angle(a, b) = 135^\circ, |a + 3b| = ?$

20-

ABC .
 ,BE- . $BC = 4\sqrt{3} . BC$ 2-
 . $BN \perp AC, BN=5 . AB-$.

21-

$\angle C = 90^\circ, \angle A = 60^\circ$.
 AB,BC AC
 D,E,F .DF ,

22-

ABCD

i

i 4

120° .

i i i 2.

i i

i

.

23-

12

5

.

24-

E,F,M

ABC

AB,BC,AC

.

$$=1\sqrt{3}AB, BF=1\sqrt{6}BC, AM=2\sqrt{5}AC. S_{\Delta EFM} : S_{\Delta ABC} = ?$$