

1. ( - 2.1, -1)

1055 , = 0,11.

$$Q = r(1-e) - \quad q=r(1+e) -$$

939 1171 .

2. ( - 2.3, -1)

A , 0<sup>m</sup>. B

30°

?

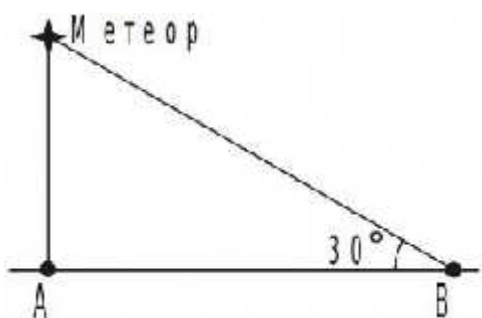
: 100 .

B, 30°, (1/sin30°)=2

, A,

B

$$m = 0 + 5lg2 = 1,5^m$$



3. ( - 2.4, -1)

0,02 .

1

0,004 (

? 0,5 = 5000 Å ( ). 1 Å = 10<sup>-10</sup> .

- = 0,02\*0,004 = 8\*10<sup>-5</sup> = 0,8 Å.

= (0,8\*3\*10<sup>8</sup>)/5000 = 480 /

4. ( - 2.5, -2)

2,0<sup>m</sup>,

9000 7000 ?

. L<sub>1</sub>/L<sub>2</sub>=6,3.

R<sub>1</sub>/R<sub>2</sub>=1,35.

5. ( - 2.6, -2)

a=0,5',

2% (dl/l=0,02).

H=75 / .

=6000 / .

: D= 80 .

R=350·10<sup>10</sup> =0,35 .

1,1.

100 .

6. ( - 1.6, -2)

670,9·103 .

318 ,

6371 .

$$g_0 = 9,81 \text{ / } ^2 \text{ —}$$

$$g = 0,281 \text{ / } ^2.$$