

1. (- 2.1, -1)

1055 , = 0,11.

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

939 1171 .

2. (- 2.3, -1)

A , 0^m. B

30°

?

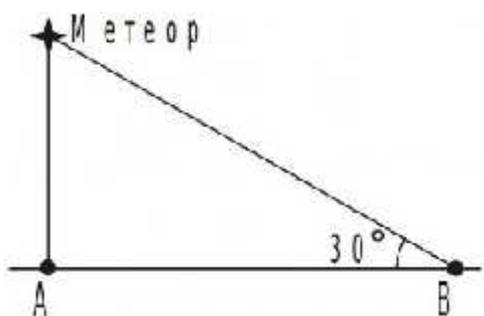
: 100 .

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 = 10⁻¹⁰ .

- = 0,02*0,004 = 8*10⁻⁵ = 0,8 Å.

= (0,8*3*10⁸)/5000 = 480 /

4. (- 2.5, -2)

2,0^m,

9000 7000 ?

. L₁/L₂=6,3.

R₁/R₂=1,35.

5. (- 2.6, -2)

a=0,5',

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

H=75 / .

=6000 / .

: D= 80 .

R=350·10¹⁰ =0,35 .

1,1.

100 .

6. (- 1.6, -2)

670,9·103 .

318 ,

6371 .

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

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