

1. , , , , , «
» .

- 8.

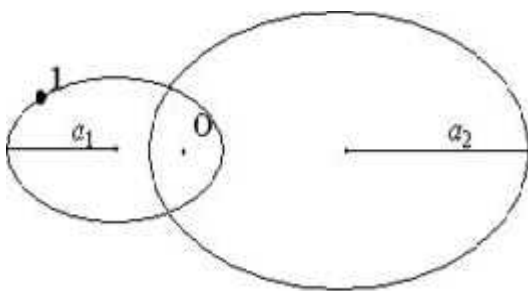
2. ?

- 8.

3. , , T=10 ?

- 8.

4. ,



1

1 2,

, $a_2 = 2a_1$,
 $M_1 + M_2 = 6M_{\odot}$.

- 8.

5.

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,

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- 8.

6.

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483 .

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- 8.

:

$$G = 6,67 \cdot 10^{-11} \frac{3}{2} \cdot 2$$

$$2 \cdot 10^{30}$$

$$149,6 \cdot 10^6$$

$$2,9 \cdot 10^{-3} \cdot$$