

1.

$\alpha = 53^\circ 15'$
 $\beta = 60^\circ 12'$
 $\gamma = 13^\circ 18'$

2014 23
 2015 21
 2014 23
 2015 21

2014 23
 2015 21

2.

$24 \cdot 3600 = 86400$
 $\frac{2}{86400} = 7,27 \cdot 10^{-5} (\text{ / })$
 $\frac{360}{86400} = 4,17 \cdot 10^{-3} (\text{ / }) = 15 (\text{ / })$

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$$= / = 2 / 365 =$$

$$0,017(/) = 0,986(^\circ /).$$

$$: = 2 \text{ R/}$$

$$= (2 * 3,14 * 149 * 10^6) / 365 = 2,56 * 10^6 (/) = 29,7(/).$$

$$0,986(^\circ /).$$

$$15(^\circ /),$$

3. : ?

(3-6). (2-5),

5 ,

4. ? ?

• , - ,

5. : = u ln (M/m). 19

• , ?

• ,

• ,

6. 10³⁰ 20 . ?

• F=ma.

= 1820 / .

$$[= \sqrt{\frac{GM}{R}} .$$