

## REFORMS

- ▶ Introduced either by King Numa or during republican years.
  - ▶ AUC but also regal years referring to consul names (no kings), since consuls were elected for one year.
  - ▶ January and February added.
  - ▶ Two intercalation periods:
    - ▶ 4-year cycle: 355+377+355+378.
    - ▶ 19 year cycle. 19 solar years is very close to 235 lunations.
- $$\begin{array}{l} 19y * 365.2422 = 6939.60 \\ 235l * 29.5306 = 6939.69 \end{array}$$
- ▶ Leap years were considered unlucky and they were occasionally skipped during tough years, for example during Punic wars. Sometimes years were "closed" early, for example, 363 BCE was called to terminate early to fight plague.

MONTH

- ▶ 12 months



- ▶ 355, or 377(+1) days.
- ▶ Intercalaris inserted on February 24 - Terminalia Day (a. d. VII Kal. Mar.).
- ▶ Feb 1-24 + Intercalaris 1-27

1	Martius	31
2	Aprilis	29
3	Mauis	31
4	Iunius	29
5	Quintilis	31
6	Sextilis	29
7	September	29
8	October	31
9	November	29
10	December	29
11	Ianuarius	29
12	Februarius	24-28
	Intercalaris	±