



CALENDAR



Two years

Odd days

$$\frac{365}{7}$$

Normal yr

365 days

$\boxed{52 \text{ w}} + 1 \text{ day (R)}$

Leap yr

366 days

$\boxed{52 \text{ w}} + 2 \text{ days}$

Divisor

$$\frac{365}{7} = 52 \text{ R } 1$$

364

(1)

Possible R = $\boxed{0 \text{ to } 6}$

$\div 4$

96

24

1996

2000

2004

500

→ Not LY

2020, 2024, ...

Odd days

Feb

29 days

Century yr
 $\boxed{\text{div } 400}$ ✓



CALENDAR



odd days

→ 0 - Sunday

1 - Monday ✓

2 - Tuesday ✓

3 - Wednesday ✓

4 - Thursday ✓

5 - Friday ✓

6 - Saturday ✓



CALENDAR



✓ Repetition of same calendar yr:

- 1) Every LY repeats after 28 yrs
- 2) 1st yr after LY repeats after 6 yrs
- 3) 2nd & 3rd yr after LY repeats after 11 yrs

$$\begin{array}{r} \textcircled{2022} \\ + 11 \\ \hline \textcircled{2033} \end{array}$$

$$\begin{array}{r} \textcircled{2023} \\ + 11 \\ \hline \textcircled{2034} \end{array}$$

$$\textcircled{2021} + 6 = \boxed{2027}$$

