

Was it a Leap Year?

Leap Years occur in years that are divisible by 4. Use your divisibility rules to decide if each year was a Leap Year. Write yes if it was a Leap Year and no if it wasn't. Hints are at the bottom of the page if you need them.

1626 _____ 1130 _____ 1952 _____ 1659 _____

1771 _____ 1709 _____ 1583 _____ 2009 _____

1404 _____ 1195 _____ 1650 _____ 1117 _____

1099 _____ 1173 _____ 1384 _____ 1308 _____

1552 _____ 1779 _____ 1856 _____ 1233 _____

1471 _____ 1140 _____ 1997 _____ 1548 _____

1783 _____ 1431 _____ 1206 _____ 1330 _____

1299 _____ 1535 _____ 1353 _____ 1424 _____

Special case: century years

It takes a little less than $365 \frac{1}{4}$ days to orbit the sun. If we had Leap Year every 4 years, we'd get ahead of ourselves by about 3 days in every 400 years. To adjust for this, the century years only count as Leap Year if the number is divisible by 400. For example, 1900 was not a Leap Year, but 2000 was.

Decide if the year was a Leap Year. Write yes if it was and no if it wasn't.

700 _____ 800 _____ 900 _____ 1000 _____

1100 _____ 1200 _____ 1300 _____ 1400 _____

1500 _____ 1600 _____ 1700 _____ 1800 _____

Hints: A number is divisible by 4 if the last two digits are divisible by 4. No odd number is divisible by 4.