TOPIC: Division & Test of Divisibility

Divisibility rules: 2 to 12
https://www.youtube.com/watch?v=Y1pAKJ4rf-M

I. **Find the Quotient & the Remainder**

a) 4576 ÷ 10

```
              4 5 7
        10 | 4 5 7 6
           -- 4 0
              5 7
              -- 5 0
                 7 6
              --   7 0
                      6
```

Ans: The Quotient is __457__   The Remainder is __6__

b) 7840÷ 11

```
              7 1 2
        11 | 7 8 4 0
           --  7 7
               1 4
           --   1 1
                  3 0
           --     2 2
                     8
```

Ans: The Quotient is __712__   The Reminder is __8__

c) 22985÷ 15

```
            1 5 3 2
      15 | 2 2 9 8 5
      --    1 5
             7 9
      --      7 5
                4 8
      --       4 5
                 3 5
      --         3 0
                   5
```

Ans: The Quotient is   1532   The Reminder is 5

d) 32781 ÷ 14

```
            2 3 4 1
      14 | 3 2 7 8 1
      --    2 8
             4 7
      --      4 2
                5 8
      --       5 6
                 2 1
      --         1 4
                   7
```

Ans: The Quotient is 2341   The Reminder is 7

II. **Using Test of Divisibility find out whether the following numbers are divisible by 2,3,4,5,6 & 10.**

Put a ✔ or X

Numbers	2	3	4	5	6	10
294	✔	✔	X	X	✔	X
6405	X	✔	X	✔	X	X
1528	✔	X	✔	X	X	X
3120	✔	✔	✔	✔	✔	✔

III. **Using Test of Divisibility find out whether the following numbers are divisible by 7,8 & 9**

Put a ✔ or X

Numbers	7	8	9
504	✔	✔	✔
3128	X	✔	X
7236	X	X	✔

IV. **Using Test of Divisibility find out whether the following numbers are divisible by 3,4,11,12**

Put a ✔ or X

Numbers	3	4	11	12
1524	✔	✔	X	✔
15257	X	X	✔	X
92829	✔	X	✔	X

APPLICATION QUESTION

Our Yoga Teacher made an announcement that from 19th June 2020 to 30th June 2020 Girls will attend the Yoga class on even days & Boys on odd days.

Question

Make a list on which days of June will you attend the Yoga class ?

Girls will attend Yoga class on 20th , 22nd, 24th,26th,28th& 30th June2020

Boys will attend Yoga class on 19th 21st 23rd 25th 27th & 29th June 2020

Value

Practice makes you perfect.

Do you agree to this proveb ? (Yes /No)

If Yes then write how it has helped you.

Answer: Give an appropriate answer.