Day - 1,

1) Is 4,768 divisible by 2?

4,76(8)

↓

It Even, so that It will divisible by 2

2) check 9,235 for divisible by 2

9,23(5)

↓

It is not Even and zero, so that It will divisible by not 2

3) It 9,23(5)

↓

It divisible by 5

3) Is 6,741 divisible by 3?

6+7+4+1 = (18/3) → It is divisible by 3

4) check 9,528 using the rule of 3

9+5+2+8 = 24/3 → It is divible by 3

5) Is 8,316 divisible by 4

8,316
↓
16/4 => It is divisible by 4

6) check 12,148.

12,148
↓
48/4 => It is divisible by 4

7) Is 45,670 divisible by 5?

45,670
↓
"0", "5", It have 0 so, that is divisible by 5

8) 83,214

83,214, so that not divisible by 5

83,214
↓
It have Even no, so, that divisible by 2

9) Is 7,842 divisible by 6?

7,842
- → It have Even number divisible by 2
- → 7+8+4+2 => 21/3 ; It divisible by 3

It will 7,842 is divisible by "6"

5) Is 8,316 divisible by 4

8,316
↓
16/4 => It is divisible by 4

6) check 12,148.

12,148
↓
48/4 => It is divisible by 4

7) Is 45,670 divisible by 5?

45,670
↓
"0", "5", It have 0 so, that is divisible by 5

8) 83,214

83,214, so that not divisible by 5

83,214
↓
It have Even no, so, that divisible by 2

9) Is 7,842 divisible by 6?

7,842
- → It have Even number divisible by 2
- → 7+8+4+2 => 21/3 ; It divisible by 3

It will 7,842 is divisible by "6"

10. check 3,918.

3,918 → It divisible by 2

→ 3+9+1+8 ⇒ 21/3 It divisible by 3.

11. Is 4,907 divisible by 7?

4,907

7×2 ⇒ 14

490 − 14 ⇒ 476/7, It is divisible by 7

12) check 6,321

6,321

1×2 ⇒ 2

632 − 2 ⇒ 630/7, It is divisible by 7

13) Is 15,376 divisible by 8

15,376

376 ÷ 8, It is divisible by 8

14) check 9,104

9,104

104/8, It is divisible by 8

15) Is 5,724 divisible by 9

5,724 => 5+7+2+4 => 18/9, It is divisible by 9

16) check 8,991

8,991 => 8+9+9+1 = 27/9, It is divisible by 9

17) Is 67,430 divisible by 10?

67,43(6)
↓
"0", It divisible by 10

18) chek 9,865.

9,86(5)
↓
5, It no divisible by 10

but divisible by 5.

19) Is 12,364 divisible by 11?

1 2 3 6 4 => (1+3+4) - (2+6)
① ② ③ ④ ⑤

=> 8 - 8 => 0 => It divisible by 11

20) check 9,801

(9) (8) (01) = 9 - 9 = 0

It is divisible by 11

21) IS 8,256 divisible by 12

8,256 → 8+2+5+6 ⇒ 21/3 → It is divisible by 3

8,256 → 56 ÷ 4 → It is divisible by 4

It divisible by 12

22) 14,832 check

14,832 → 32 ÷ 4 ⇒ It is divisible by 4

14,832 → 1+4+8+3+2 ⇒ 18/3 ⇒ It is divisible by 3

23) Divisible by 13 , 3,913

3,913 → 3,91 (3) → 39 + 1 × 3 = 39 + 3 = 42 → 4 + 2 × 3 = 4 + 6 = 10 → 1 + 0 × 3 = 1 + 0 = 1

13 × 1 = 13

23) 3,913 Divisible by 13

3,91(3)

↓

3×4 => 12 => 391 + 12 => 403 ÷ 13 => 31

It 3,913, It is divisible by 13

24) Check 6,552

6,552

↓

2×4 = 8 => 655 + 8 => 663 ÷ 13 =>

It is divisible by 13

25) Divisible by 14, IS 7,896

7,896 → 6/2, It divisible by 2

7,896 → 7,89 6

↓

6×2 => 12 => 789 - 12 => It is divisible by 7

It 7,896, is divisible by 14

26) Check 4,214.

4,214 → It is divisble by 2

4,214 → 4,214

↓

4×2 → 8 => 421 - 8 => 413, It is divisible by 7

It is divisible by 14

27) Is 9,450 divisible by 15?

9,450 → "0", It is divisible by 5

9,450 → 9+4+5 => 18/3, It is divisible by 3

It is divisible by 15

28) Check 12,735

12,735 → [redacted] It is divisble by 5

12,735 → 1+2+7+3+5 => 18/3 ; It is divisble by 3

29) Is 32,768 divisible by 16

32,768 → 32,768

768

768/8 => It is divisible by 8

It is divisible by 16

30) Check 9,120

9,120 => 120/8 => It is divisible by 8 and 15

31) Is 5,789 divisible by 17

5,789
↓
$9 \times 4 \Rightarrow 36 \Rightarrow 5,78 - 36 \Rightarrow 578 \div 17$

It is not divisible by 17

32) Check 10,200

10,200
↓
$0 \times 2 \Rightarrow 1020 \div 17 \Rightarrow$

It is divisible by 17

33) Is 6,372 divisible by 18?

6,372 ⇒
- 6,372 → It is divisible by 2
- 6+3+7+2 → 18/9, It is divisible by 9

It is divisible by 18

34) check 8,910

8,910
- 910 → 2 It is divisible by 2
- 8+9+1+0 = 18/9. It is divisible by 9

35) IS 7,581 divisible by 19

7,581

$1 \times 2 \Rightarrow 2 = 7,58 + 2 = 760/19$

It is divisible by 19

36) Check 11,400

11,400

$0 \times 2 \Rightarrow 0 \Rightarrow 11,40 = 1,140 \div 19$

It is divisible by 19.