Odd and Even Numbers
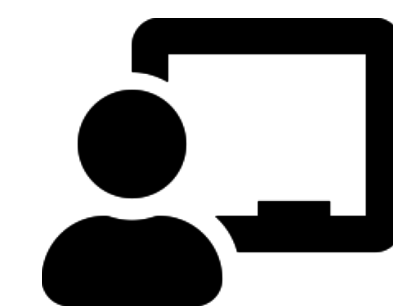
Odd numbers

Odd numbers always end up with 1, 3, 5, 7, 9.

If the number is divided by 2, you will get 1 as remainder.
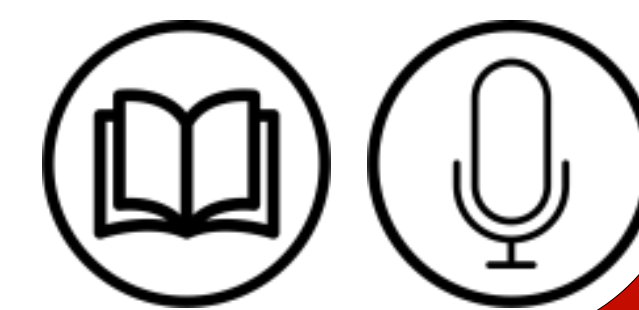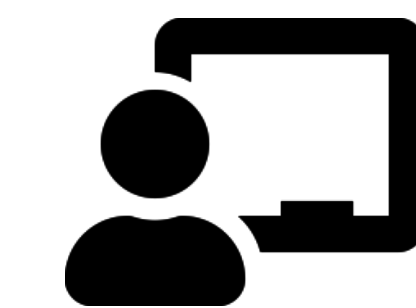
Example: 4521, 653, 89, 4047, 215.

Even numbers

Even numbers always end up with 2, 4, 6, 8, 0.

If the number is divided by 2, you will get 0 as remainder.

Example: 4882, 950, 76, 3024, 158.

Is 2024 an odd number or an even number?

Solution:
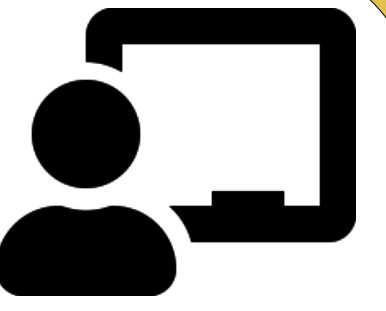
2024 is end up with 4.

2 0 2 4

2024 is a multiples of 2.

2 X 1012

If 2024 is divided by 2 the reminder is 0.

So, 2024 is an even number.

$$
\begin{array}{r}
1012 \\
2\,\overline{)2024} \\
2 \\
\overline{0\,0\,2} \\
2 \\
\overline{0\,4} \\
4 \\
\overline{0}
\end{array}
$$

Is 859 an odd number or an even number?

Solution:
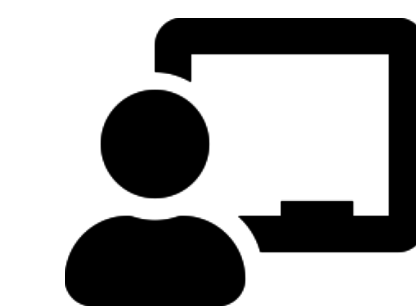
859 is end up with 9.   8 5 9

859 is not a multiples of 2

If 859 is divided by 2 the reminder is 1

So, 859 is an odd number.

Find odd and even numbers: 458, 2689, 21, 357, 196, 230, 405, 3642, 7863, 94

Solution:

Odd Numbers

2689, 21, 357, 405, 7863
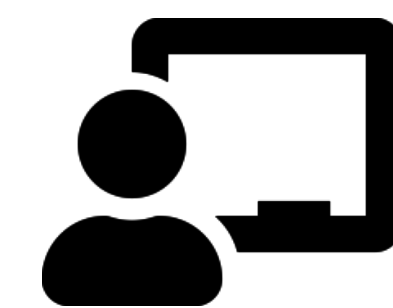
Odd numbers always end up with 1, 3, 5, 7, 9.

Even Numbers

458, 196, 230, 3642, 94

Even numbers always end up with 2, 4, 6, 8, 0.

Even number + Even number = Even number

$$44 + 20 = 64$$
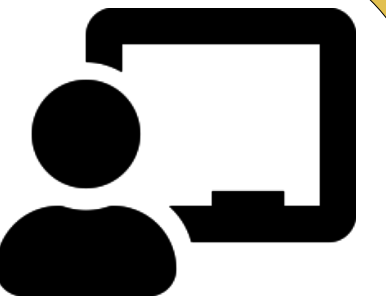
$$100 + 400 = 500$$

$$2000 + 10 = 2010$$

Odd number + Odd number = Even number

$$11 + 9 = 20$$

$$101 + 11 = 112$$

$$4001 + 309 = 4310$$

Even number + Odd number = Odd number

$$10 + 5 = 15$$

$$202 + 25 = 227$$

$$6004 + 111 = 6115$$

Odd number + Even number = Odd number

$$13 + 12 = 25$$

$$509 + 2 = 511$$

$$7801 + 102 = 7903$$