MATHEMATICS

CLASS 1

LESSON # 51

Lesson Code 1M51

TOPIC: Reinforcement

Skip Counting

Step 1:
Look at the given numbers and identify that the given series is moving forward or backward.
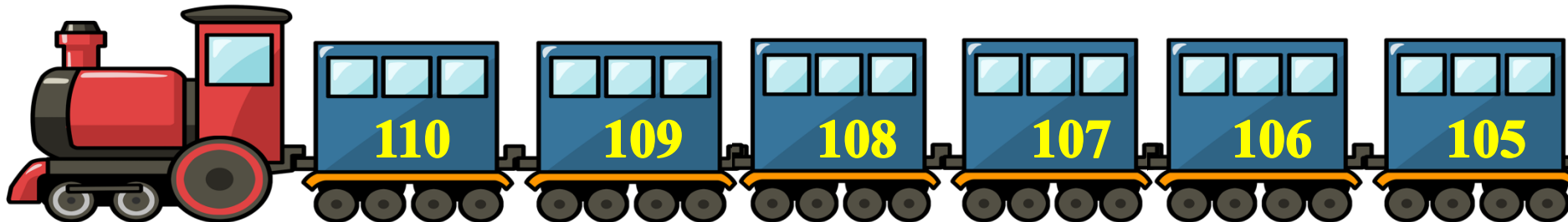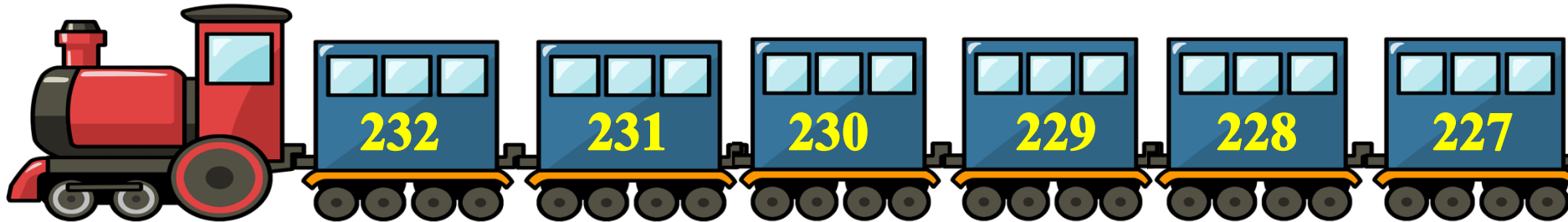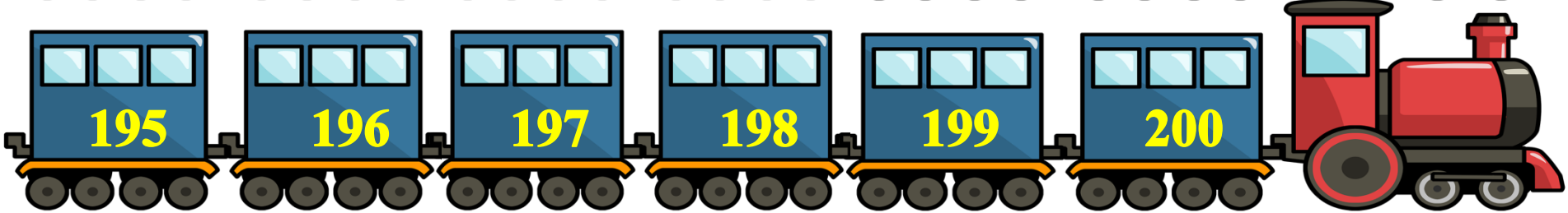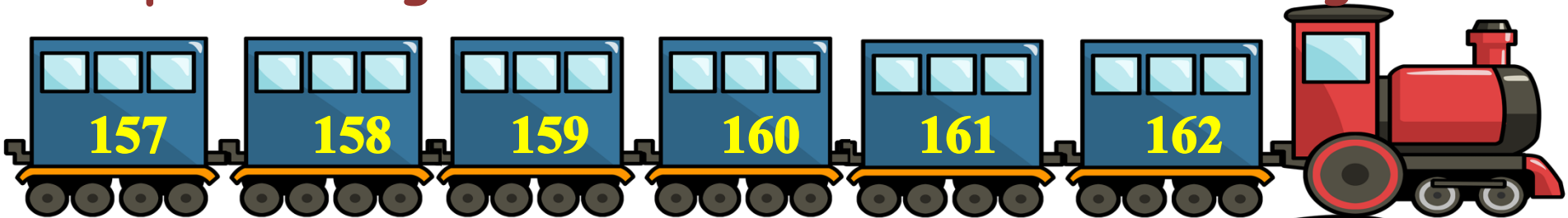
Step 2:
If given series is moving backward, count in backwards.

If given series is moving forward, count in forward.

Step3:
Write down the skipped numbers in a sequence.

Complete the given forward or backward counting series.

157 | 158 | 159 | 160 | 161 | 162

195 | 196 | 197 | 198 | 199 | 200

232 | 231 | 230 | 229 | 228 | 227

110 | 109 | 108 | 107 | 106 | 105

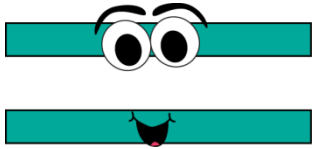# What comes before 190?

189

What comes after 219?
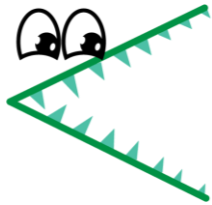
220

What comes between 168, _____ ,170?
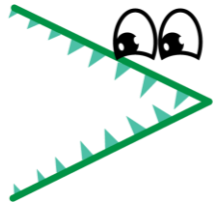

169

Comparing Numbers

It is good to know if one number is the same as, or smaller than, or bigger than, another number. We use the following signs to compare numbers

When two values are equal,
we use the "equals to" sign
example: 10 tens = 100

When one value is smaller than another,
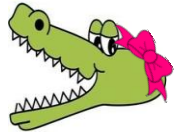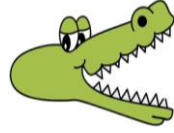we can use a "less than" sign.
example: 146 < 164

When one value is bigger than another
we can use a "greater than" sign
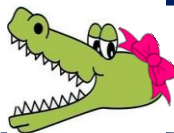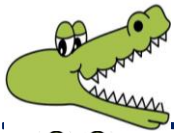example: 188 > 186

Remember these Rules!

❖ You read the problem left-to-right.

❖ Bigger number on **left is more than.** 105   101

❖ Bigger number on **right is less than.** 112   121

❖ When the numbers are the same,
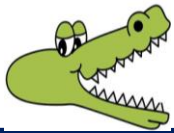they are **equal to** each other.   10   10 Ones
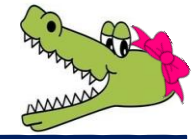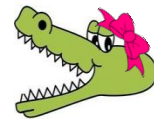
Compare the numbers. Put the signs ![less than], ![greater than] or ![equal] in the blanks.

(a) 37 _____ 73

(b) 168 _____ 167

(c) 199 _____ 190

(d) 109 _____ 091

(e) 70 _____ 107

(f) 20 _____ 20 ones

(g) 130 _____ 100 +30

(h) 129 _____ 192

(i) 212 _____ 221
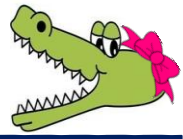
(j) 9 tens _____ 10 tens

(k) 10 tens _____ 10 ones

(l) 250 _____ 205

Question

Complete the given number table.

Number	Number name(In words)
1 9	Nineteen
2 1 1	Two hundreds and eleven
2 4 5	Two hundreds and forty five
1 0 6	One hundred and six
1 9 0	One hundred and ninety

ASCENDING ORDER

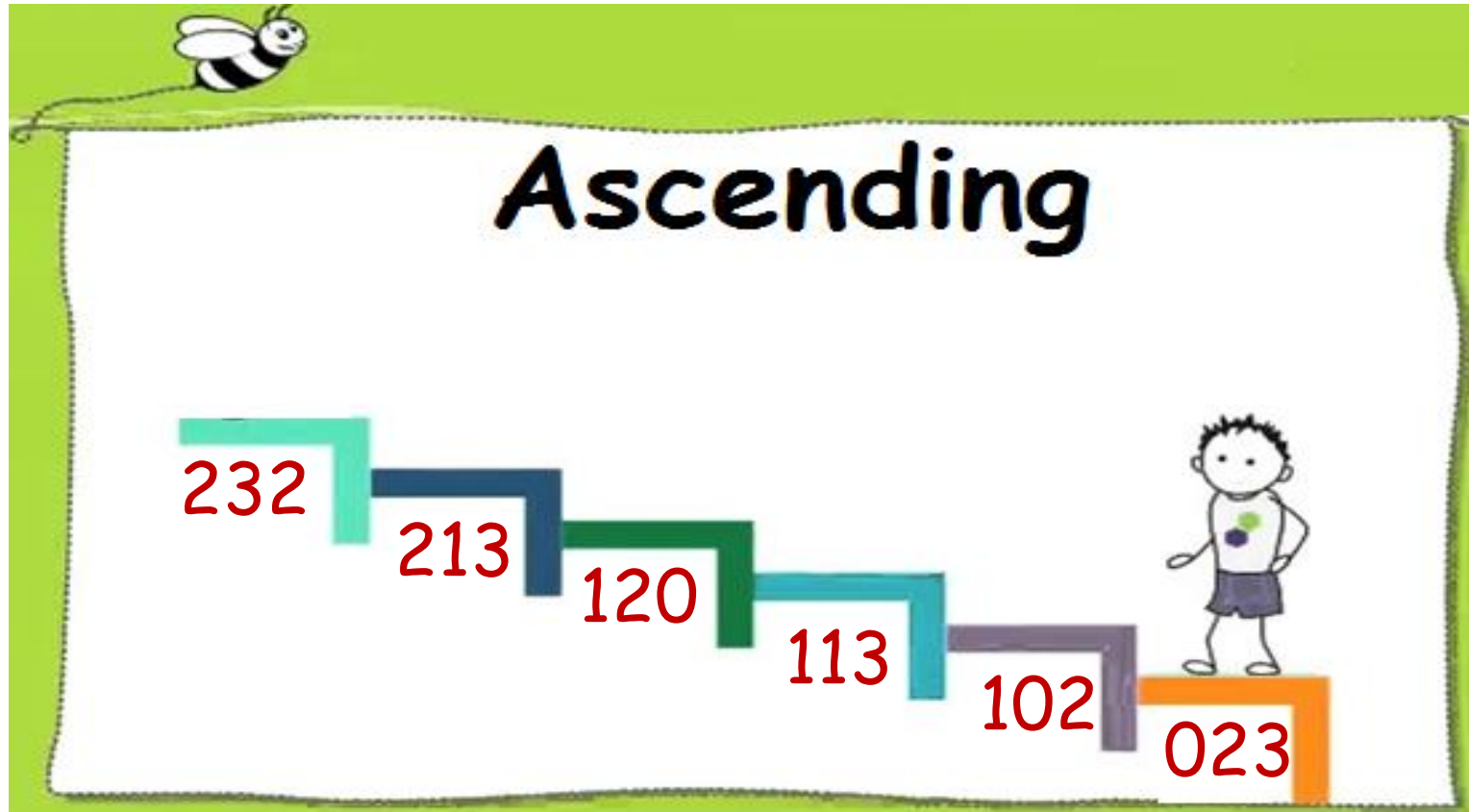Ascending order means arranging the numbers from smallest to greatest.

In ascending order we start with the smallest number and ends with the greatest(biggest) number.

Ascending means going up

Arrange the given numbers in ascending order.

| 213 | 023 | 120 | 232 | 102 | 113 |

Ascending

232
213
120
113
102
023

DESCENDING ORDER

Descending order means arranging the numbers from greatest to smallest.

In descending order we start with the greatest(biggest) number and ends with the smallest number.

Descending means going down

Arrange the given numbers in descending order.

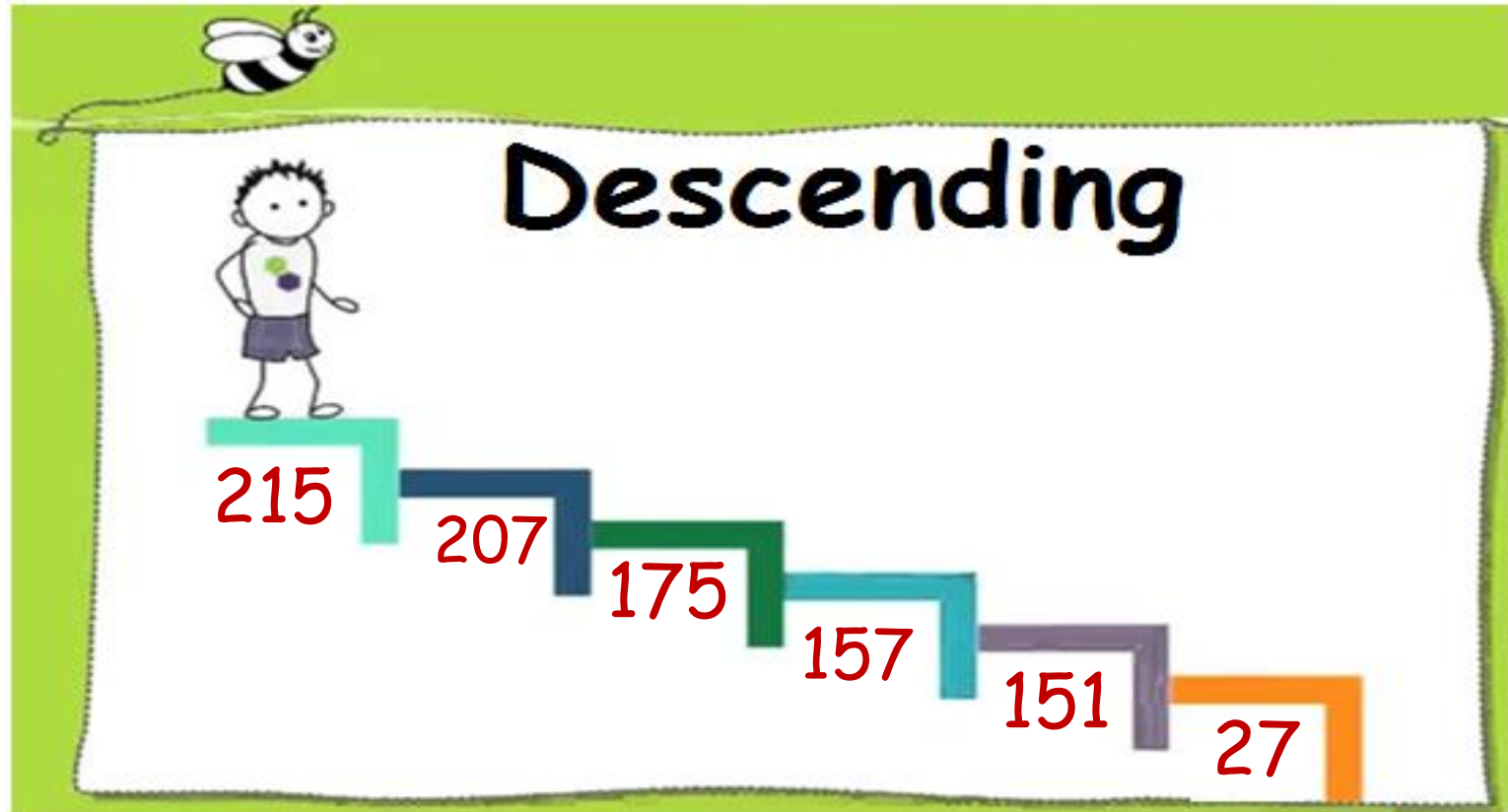| 157 | 27 | 215 | 175 | 151 | 207 |

Descending

215
207
175
157
151
27

Even Numbers

Even numbers end with 0, 2, 4, 6 or 8

OR

Numbers having 0, 2, 4, 6 or 8 at their ones place are all even numbers

Even numbers can be paired

Odd Numbers

Odd numbers end with 1, 3, 5, 7 or 9

OR

Numbers having 1, 3, 5, 7 or 9 at their ones place are all odd numbers

Odd numbers cannot be paired
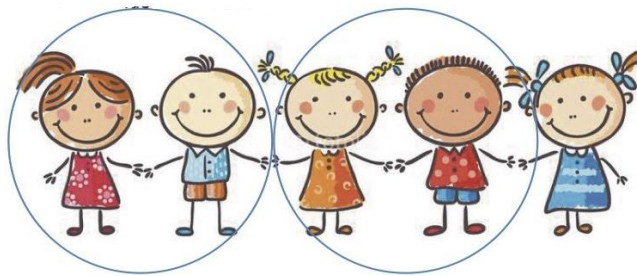
Odd numbers cannot be paired

1

3

5

7

9

0

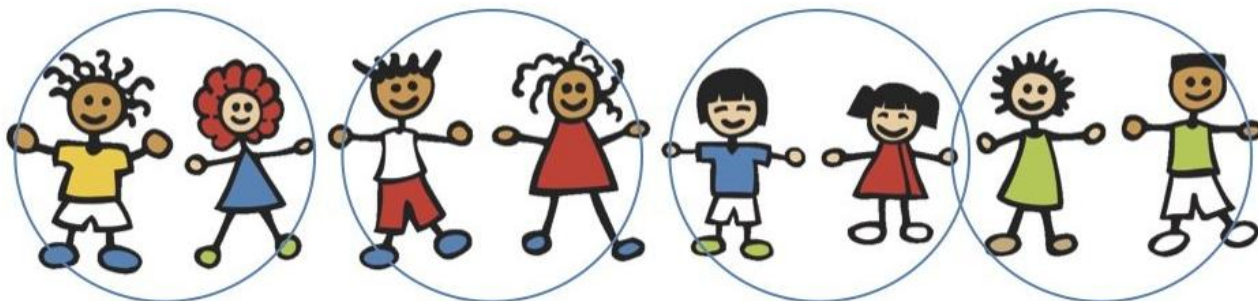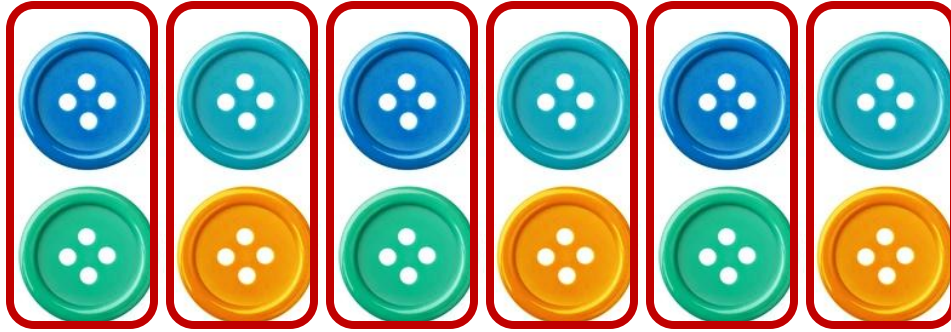**Pair means group of 2 objects**

Even numbers can be paired
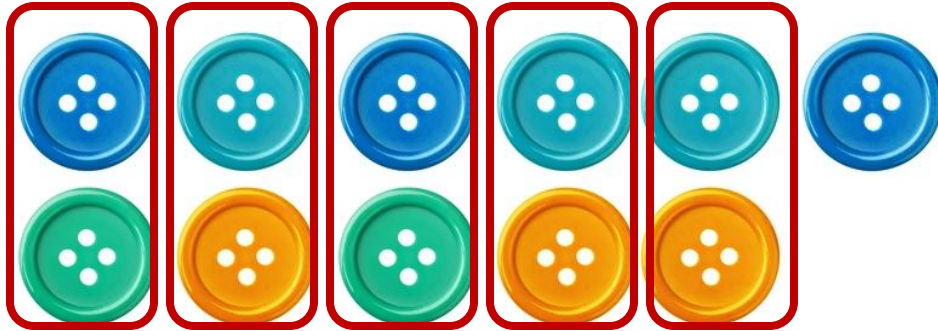
2

4

6

8

Identify the things which are paired or not paired. Also decide whether given number is even or odd.

There are **12** buttons.

Paired ✓ / not Paired

Even ✓ / odd

There are **11** buttons.
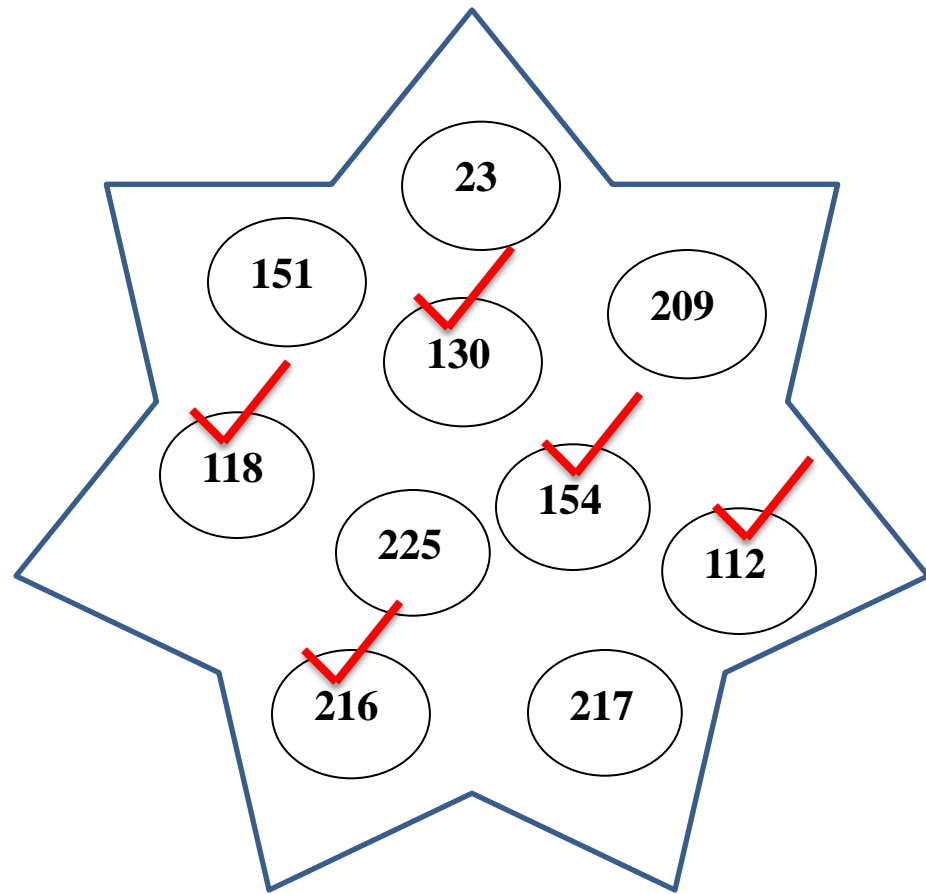
Paired / not Paired ✓

Even / odd ✓

Encircle all the even numbers
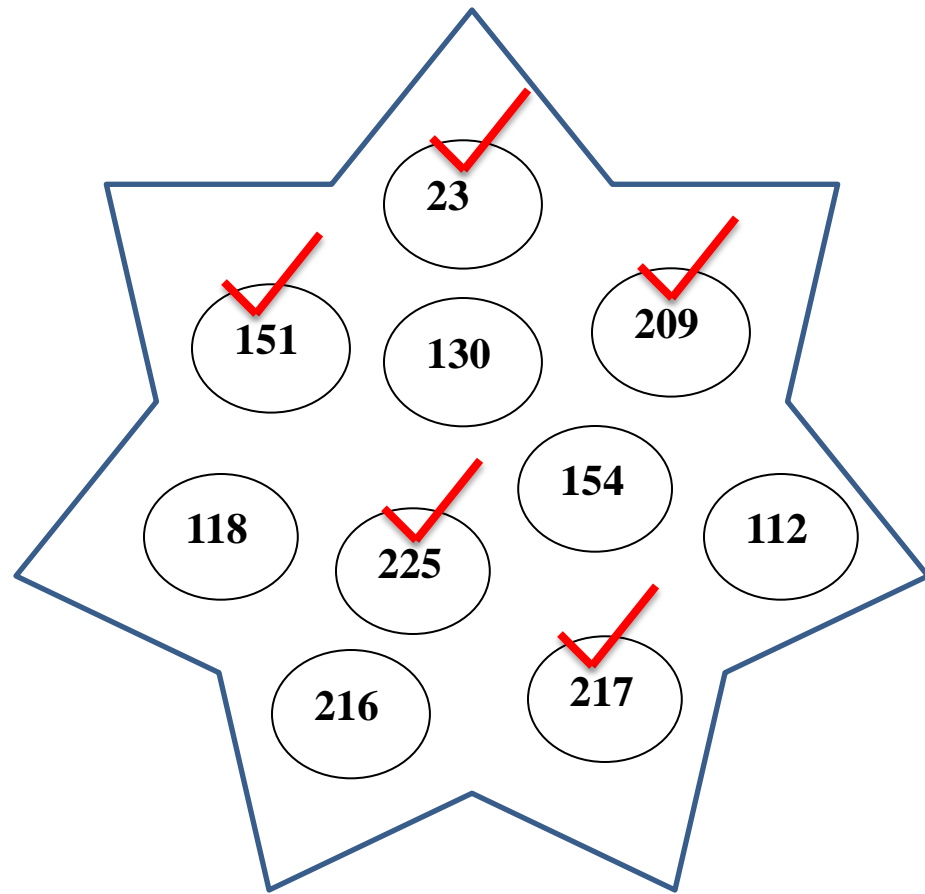
59, (136,) (192,) 127, 85, (214,)

(110,) 83, (158,) 241

Encircle all the odd numbers

(59,) 136, 192, (127,) (85,) 214,

110, (83,) 158, (241)

Tick ✓ the even numbers

23
151
209
130 ✓
118 ✓
154 ✓
225
112 ✓
216 ✓
217

Tick ✓ the odd numbers

23 ✓
151 ✓
209 ✓
130
118
154
225 ✓
112
216
217 ✓

What are 2D Shapes?

2D shapes have sides and corners, and are completely flat. You can draw it easily on a piece of paper.
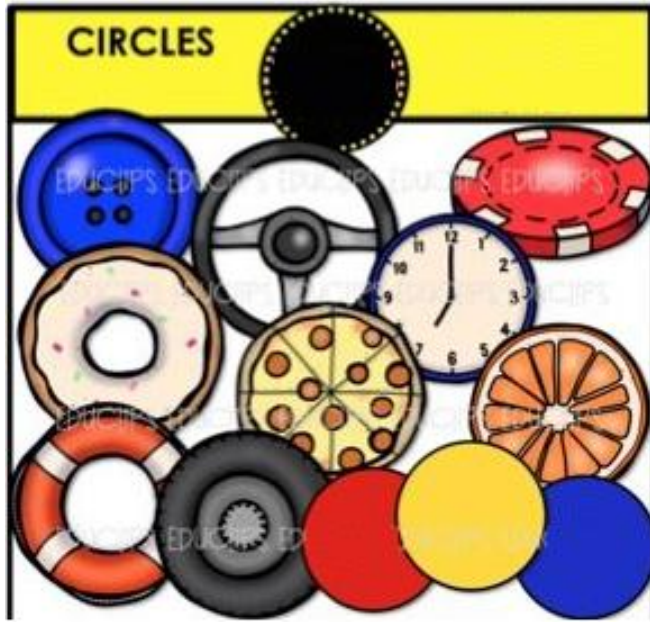
Circle

It is a closed figure.
It has no sides no corners.
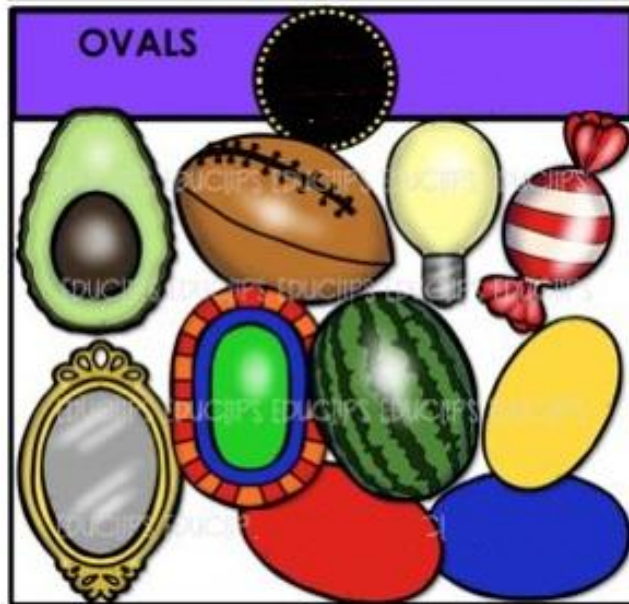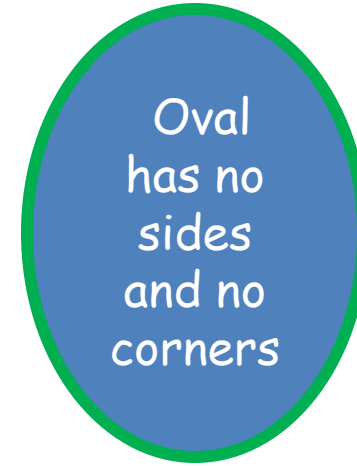It is round in shape.
It looks like a ball.

Circle has no sides and no corners

Real life resembling objects
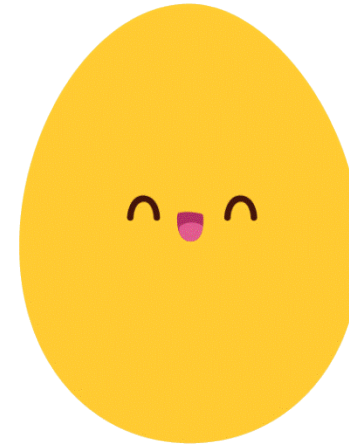
CIRCLES

Oval

It is a closed figure.
It has no sides no corners.
It is long circle in shape.
It looks like an egg.
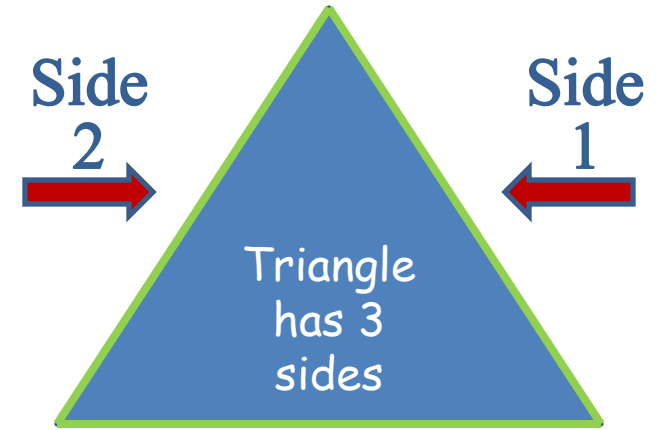
Oval has no sides and no corners

Real life resembling objects

OVALS

Triangle

It is a closed figure. It has 3 sides 3 corners.

Real life resembling objects

TRIANGLES

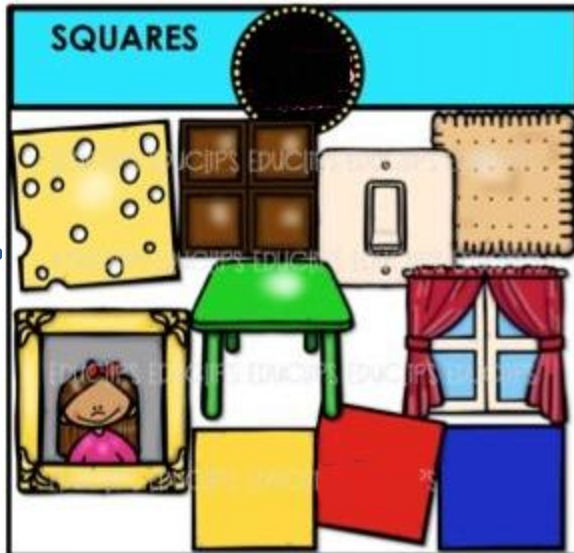Side 2

Side 1

Triangle has 3 sides

Side 3

corner 1

corner 2

Triangle has 3 corners

corner 3

Square

It is a closed figure.
It has 4 sides 4 corners.
It's all 4 sides are equal in length.

Side 1

Side 2

Square has 4 equal sides

Side 4

Side 3

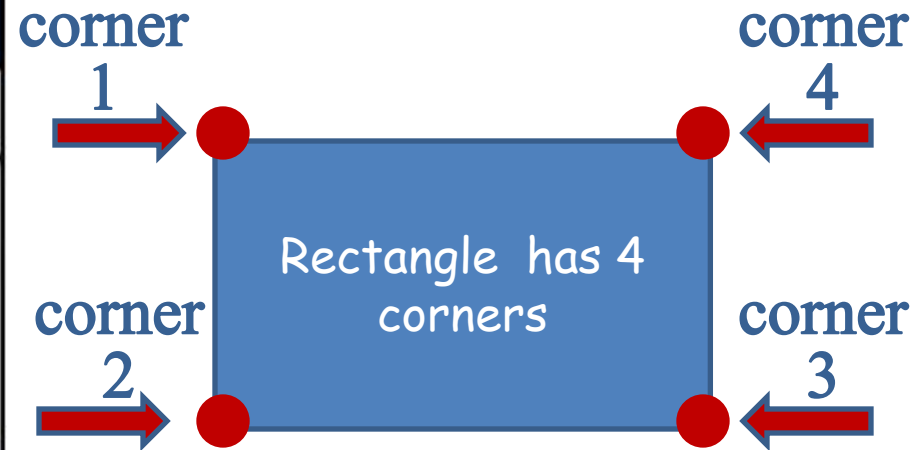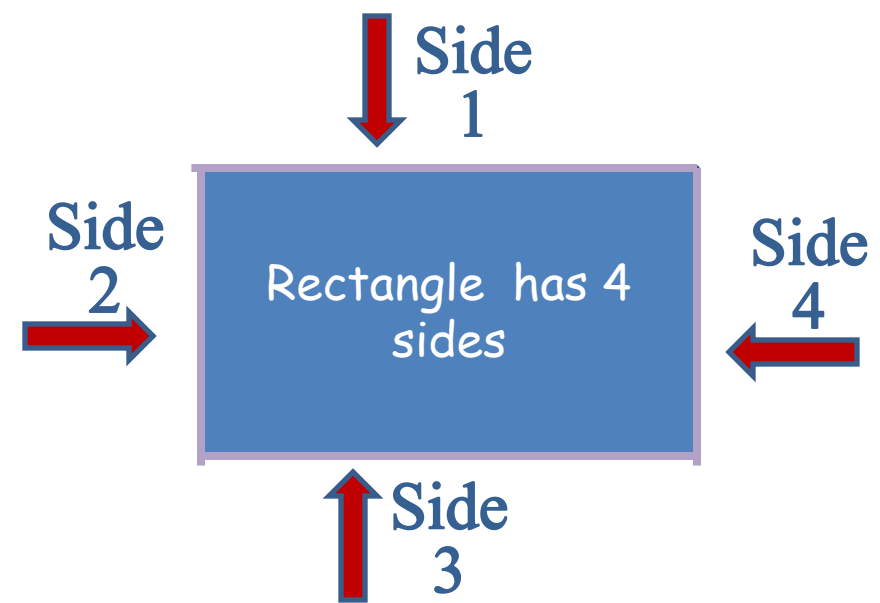Real life resembling objects

SQUARES

corner 1

corner 4

corner 2

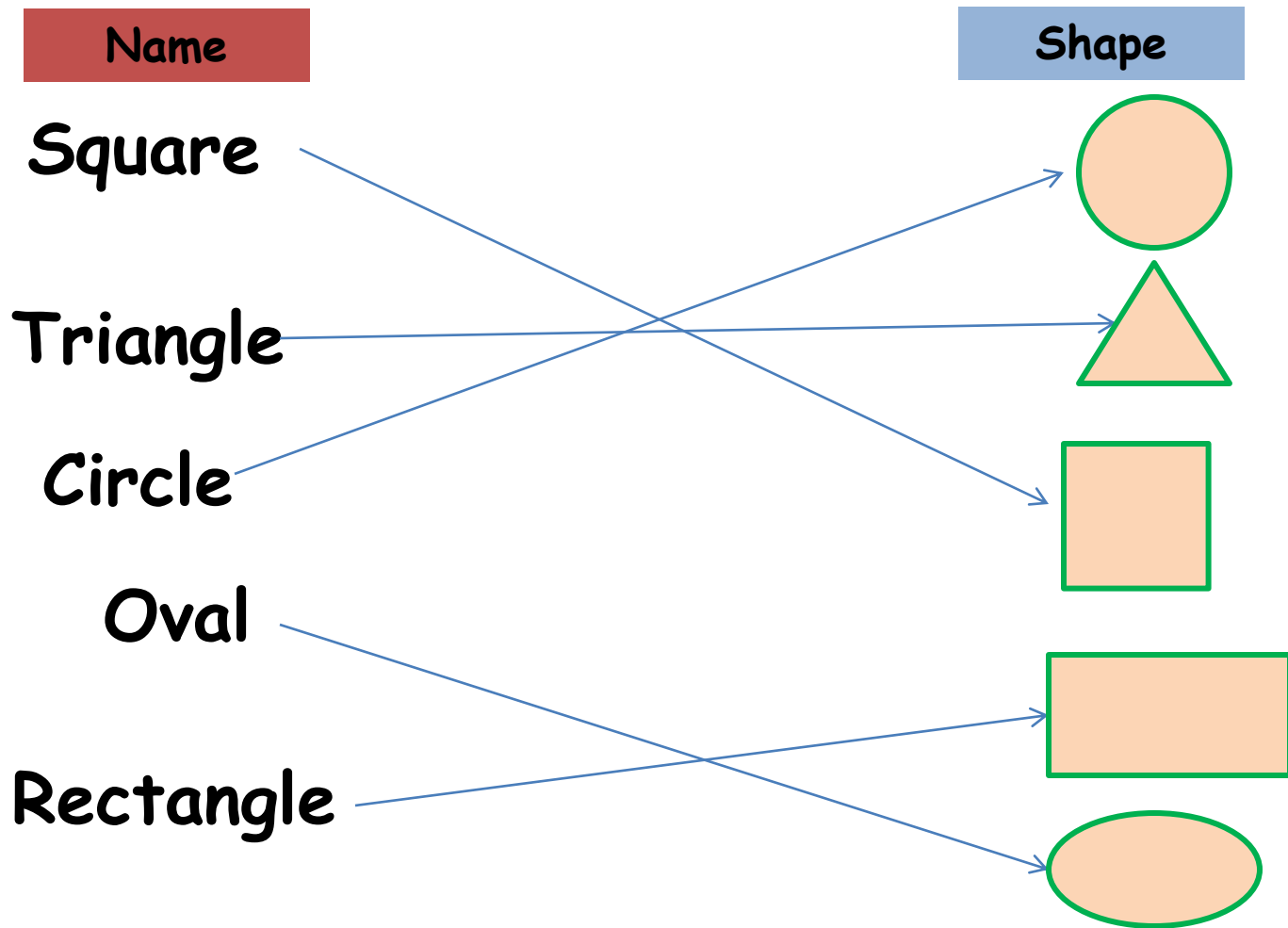Square has 4 corners
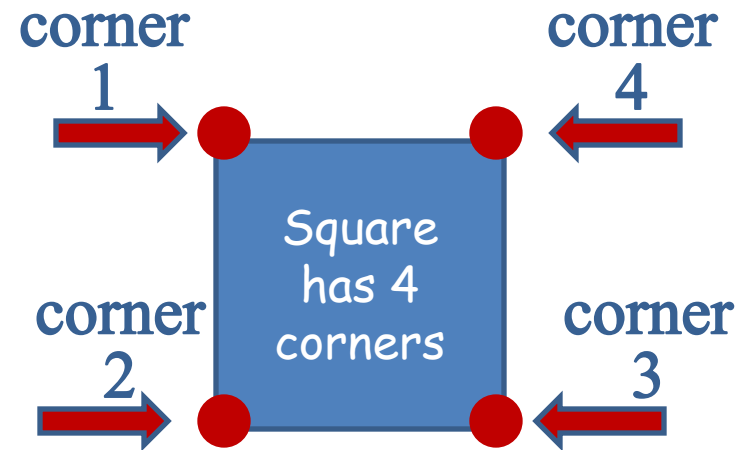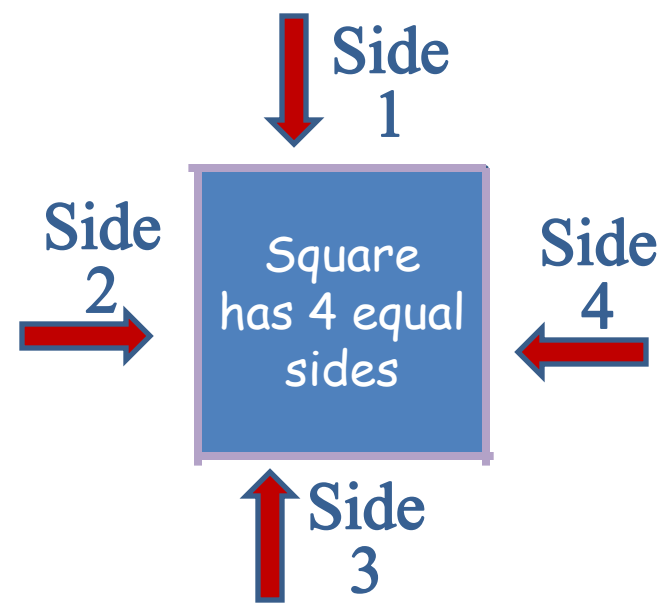
corner 3

Rectangle

It is a closed figure.
It has 4 sides 4 corners.
It's opposite sides are equal in length.

Side 1

Side 2

Rectangle has 4 sides

Side 4

Side 3

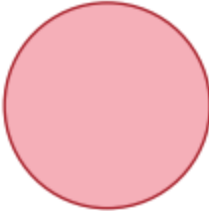Real life resembling objects
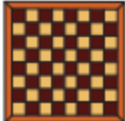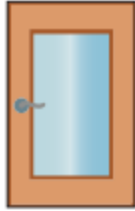

corner 1

corner 4

corner 2

Rectangle has 4 corners

corner 3

Match the shapes with the correct name.

Name

Square

Triangle

Circle

Oval

Rectangle
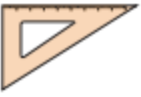
Shape

Question

Tick the correct real life object resembling each given 2D shape

Solve the following.

a) 178 plus 19

b)   Total of 56,11 and 48

$$
\begin{array}{r}
\text{T O} \\
\textcircled{1} \\
1\ 7\ 8 \\
+\quad 1\ 9 \\
\hline
1\ 9\ 7 \\
\hline
\end{array}
$$

T O
17

$$
\begin{array}{r}
\text{T O} \\
\textcircled{1} \\
5\ 6 \\
+\quad 4\ 8 \\
1\ 1 \\
\hline
11\ \ 5 \\
\hline
\end{array}
$$

T O
15

Solve the following.

a) Take away 28 from 247   **b)** Subtract 137 from 155

```
  H  T  O
     3
  2  4̸ 17
-     2  8
  _____
  2  1  9
```

```
  H  T  O
     4
  1  5̸ 15
-  1  3  7
  _____
  0  1  8
```

Mental maths

Add

109 + 1 = 110

135 + 10 = 145

150 + 8 = 158

211 + 4 = 215

223 + 7 = 230

Subtract

109 - 1 = 108

135 - 10 = 125

150 - 8 = 142

211 - 4 = 207

223 - 7 = 216

Do as directed

119

120 ← Add 1

Add 10 → 129

250

249 ← Subtract 1

Subtract 10 → 240