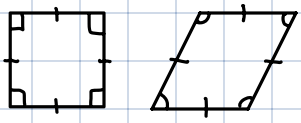
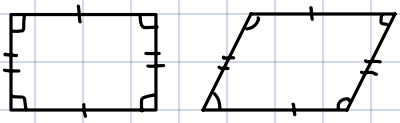
# QUADILATERALS

square → rhombus

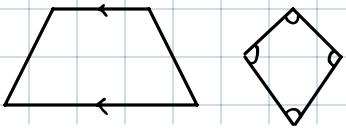


rectangle → paralaregram



trapezoid

kite



| Name of the Quadrilateral: | Picture of Quadrilateral: | Properties of the Quadrilateral: |
|---|---|---|
| Parallelogram | | Opposite sides are parallel.<br>Opposites sides are equal.<br>Opposite angles are equal. |
| Square | | All sides are equal.<br>All angles are equal and measure 90°. |
| Rectangle | | Opposite sides are parallel.<br>Opposites sides are equal.<br>All angles are equal and measure 90°. |
| Rhombus | | All sides are equal.<br>Opposite angles are equal. |
| Trapezoid | | Opposite sides are parallel.<br>Adjacent angles add up to 180°. |
| Kite | | Adjacent sides are equal.<br>One pair of opposite angles are equal. |

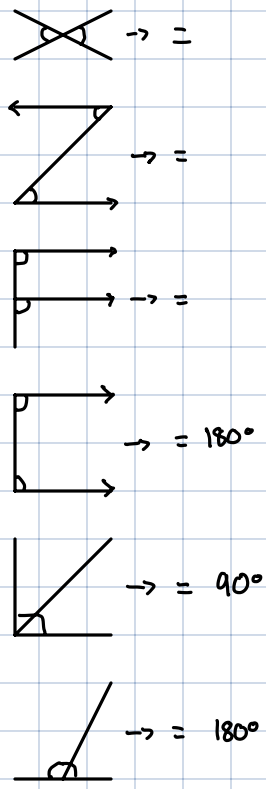
SplashLearn

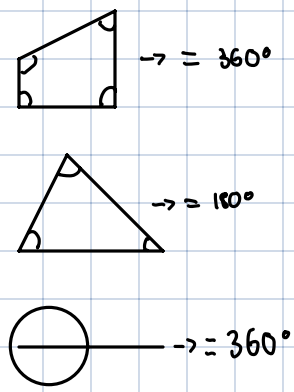
splash learn → geometry

| Worded Explanation | Coded Reason |
|---|---|
| Complementary angles | |
| Supplementary angles **OR** Sum of angles on a straight line | |
| Sum of angles at a point | |
| Sum of interior angles in a triangle | |
| Exterior angle and its relationship with internal angles of a triangle | |
| Sum of interior angles in a quadrilateral | |
| Vertically opposite angles | |
| Corresponding angles | |
| Co-interior angles | |
| Alternate angles | |

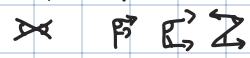
source = my teacher

# CODED REASON




X FUN



# UNITS OF MEASUREMENTS

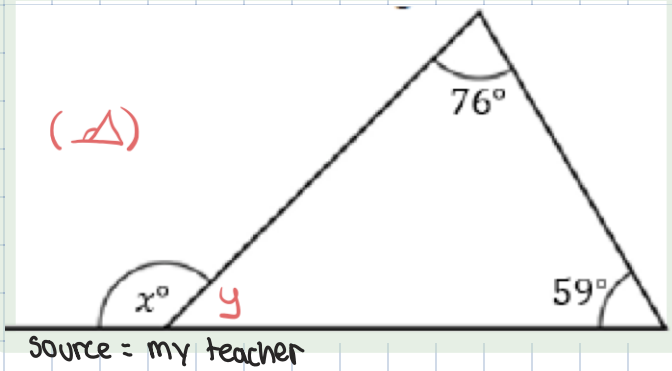
1) 0.9m = what in cm
   90cm ✓
2) 15000cm = what in km
   0.15 km ✓
3) 150 mm = what in cm
   15 cm ✓
4) 900 m = what in km
   0.9 km ✓
5) 980000 cm = what in km
   98 km
6) 9000 mm = what in cm
   900 cm

10 mm = 1 cm
100 cm = 1 m
1000 m = 1 km

key = switch/move decimal points

source = me!

# AREA OF EXTIRIOR ANGLE




Source = my teacher

1st way:

$x = 76 + 59°$ (△)

$x = 135°$

2nd way:

$y + 76° + 59° = 180°$

$y + 135° = 180°$

$y = 180° - 135°$

$y = 45°$