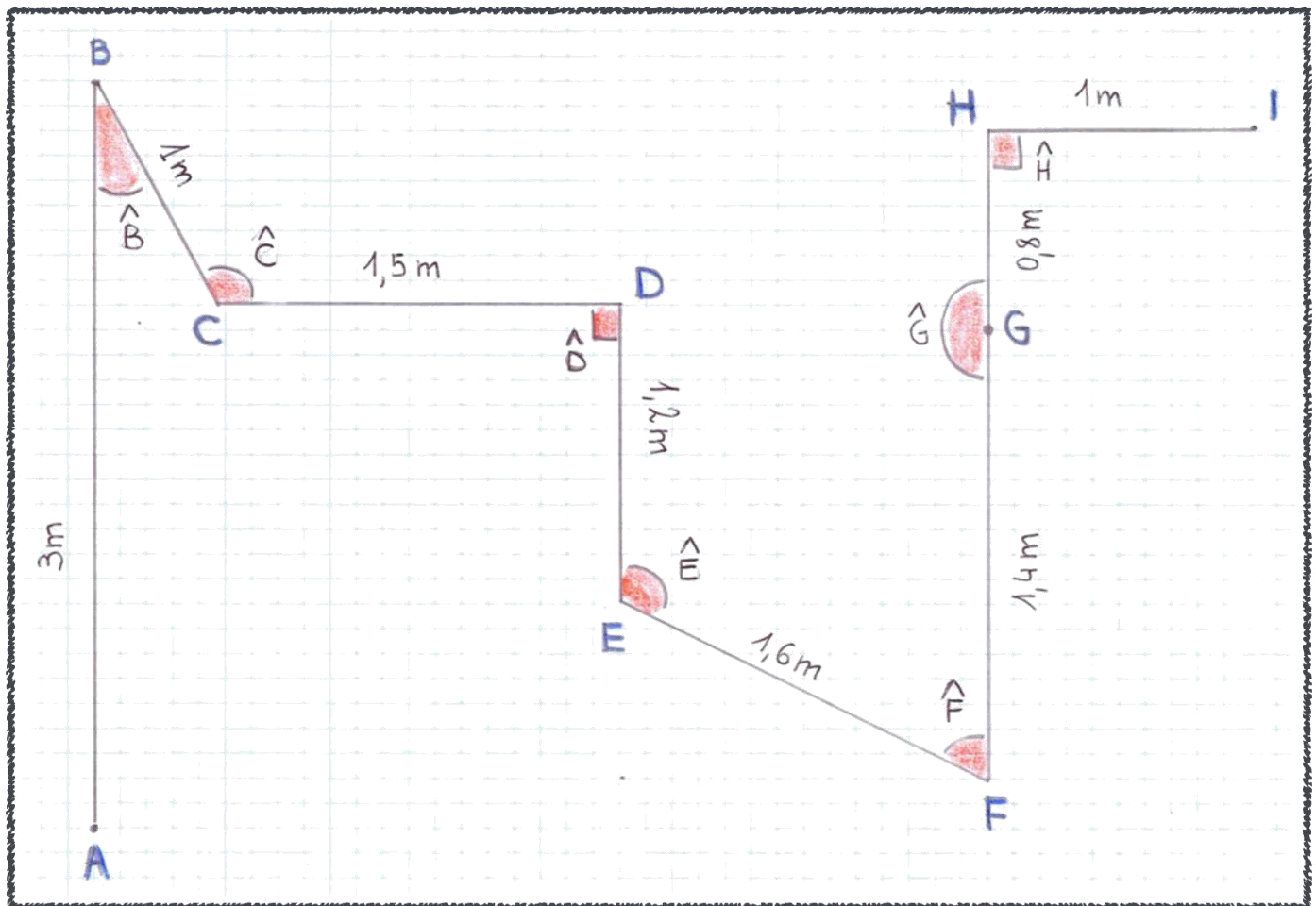


## PROJECT: PREPARE THE PATH ON THE FLOOR

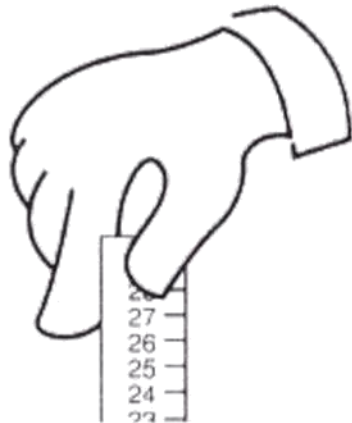


Before the activity teacher must prepare the path on the floor using the measure on the project. It could be signalized also the segments and angles.



1) Measure the segments on the floor and complete the table

SEGMENT	LENGTH (m)
$\overline{AB}$	
$\overline{BC}$	
$\overline{CD}$	
$\overline{DE}$	
$\overline{EF}$	
$\overline{FG}$	
$\overline{GH}$	
$\overline{HI}$	



2) Measure the angles and classify them. Put a tick (✓) in the right column.

ANGLES	DEGREES	ACUTE	OBTUSE	RIGHT	STRAIGHT	FULL ROTATION
$\angle B$						
$\angle C$						
$\angle D$						
$\angle E$						
$\angle F$						
$\angle G$						
$\angle H$						

3) Complete the sentences using the words:

MORE THAN LESS THAN  
EQUAL TO

- $\hat{B}$  is \_\_\_\_\_  $90^\circ$  ;
- $\hat{C}$  is \_\_\_\_\_  $90^\circ$  and \_\_\_\_\_  $180^\circ$  ;
- $\hat{D}$  is \_\_\_\_\_  $90^\circ$  ;
- $\hat{E}$  is \_\_\_\_\_  $\hat{F}$  ;
- $\hat{G}$  is \_\_\_\_\_  $180^\circ$  ;
- $\hat{H}$  is \_\_\_\_\_  $90^\circ$  .



4) Reduce the segments using the scale 1:10 on a A3 sheet. Look and complete the table.

SEGMENT	REAL LENGTH ON THE FLOOR ( cm )	LENGTH ON YOUR MAP ( cm )
$\overline{AB}$		
$\overline{BC}$		
$\overline{CD}$		
$\overline{DE}$		
$\overline{EF}$		
$\overline{FG}$		
$\overline{GH}$		
$\overline{HI}$		

WHAT KIND OF OPERATION DO YOU USE FOR REDUCING SCALE? Put a tick (  $\checkmark$  )

ADDITION

DIVISION

MULTIPLICATION

SOTTRATION

5) Can you find some full rotation angles? \_\_\_\_\_

Mark the full rotation angles with a red pen on your map and give them a name using an alphabet letter.

ON YOUR MAP:

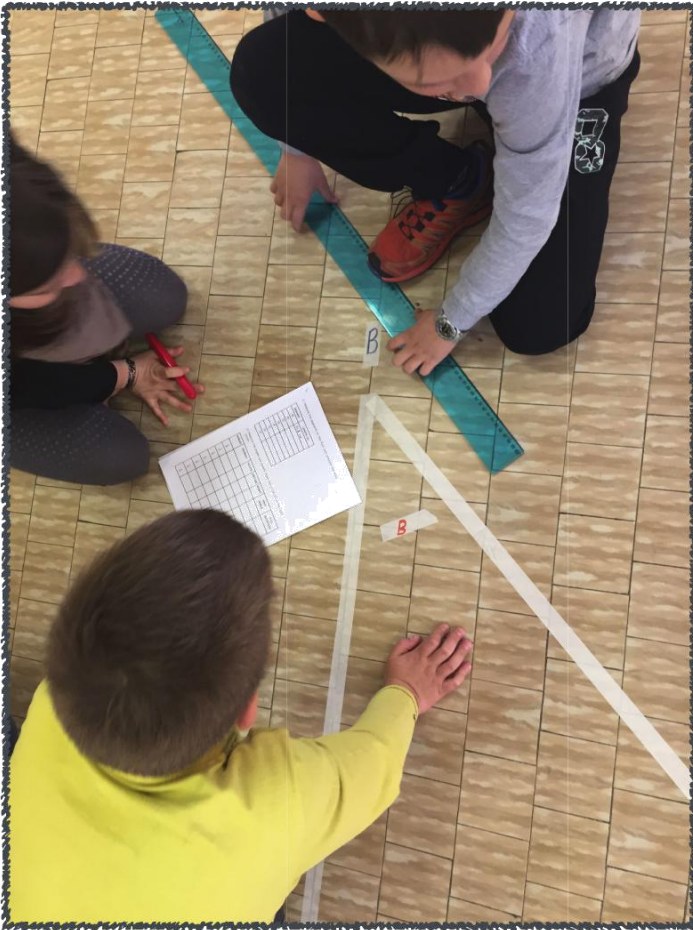
\_\_\_\_\_ is a full rotation angle;

\_\_\_\_\_ is a full rotation angle.





# CHILDREN DURING THE ACTIVITY



## FLASHCARDS

**Full Rotation**



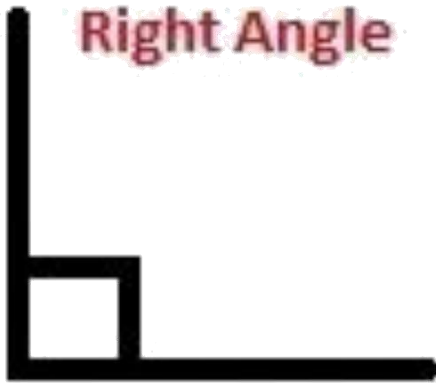
Exactly  $360^\circ$

**Straight Angle**



Exactly  $180^\circ$

**Right Angle**



Exactly  $90^\circ$

**Obtuse Angle**



Greater than  $90^\circ$  but  
less than  $180^\circ$

**Acute Angle**



Less than  $90^\circ$



