

BUILD A SPORTS PARK FOR THE KIDS

Grade 3

GEOMETRY

Hello Grade 3! I'm Francis. Just like any other kid, I'm excited for this sports park to materialise. Can you help me to do so?





Kid, you've been working really hard for each task you encounter.

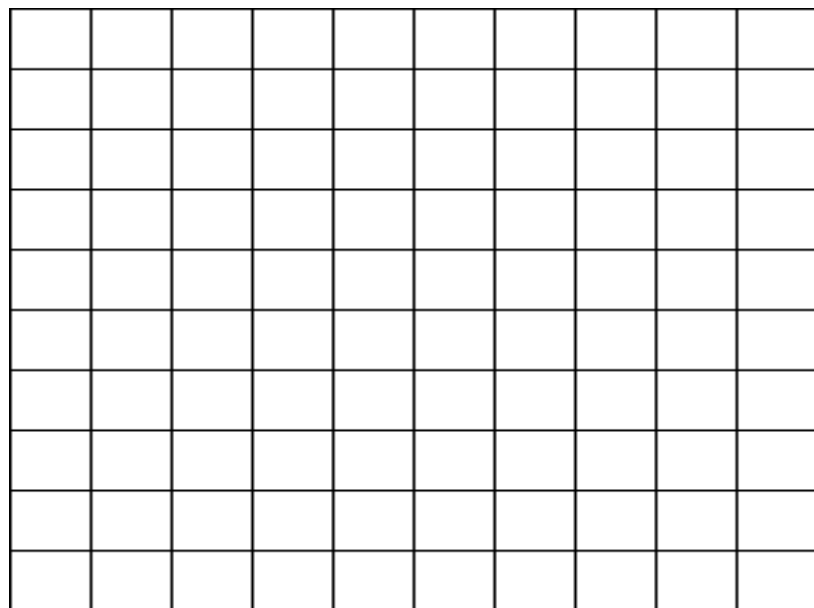
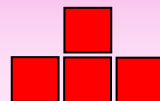
I know you are also excited to collect as many exciting rewards as you can.

Are you ready?

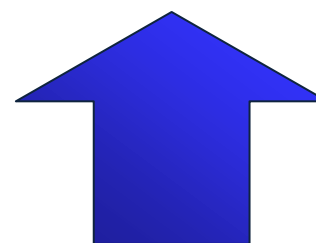
Francis told me about the sports park. I'm pretty excited too, and I would like to help him likewise. Come on. Let's start and collect rewards.



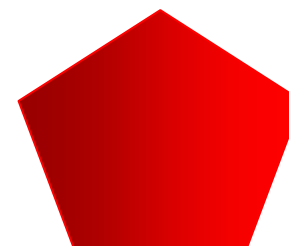
Can you help me draw tessellation for the given shape below? Color each tessellation shape differently.



Which of these shapes can be used for tessellation?



A



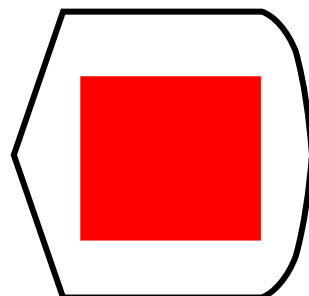
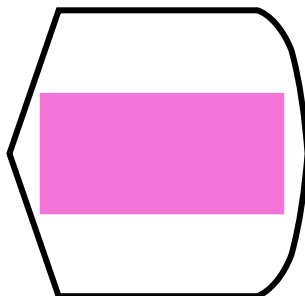
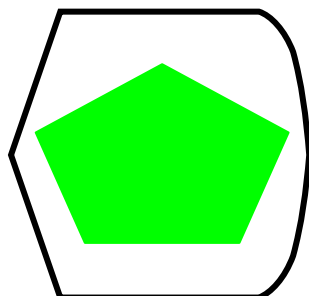
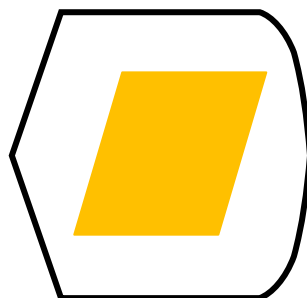
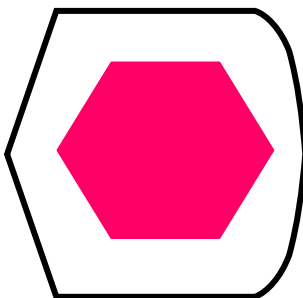
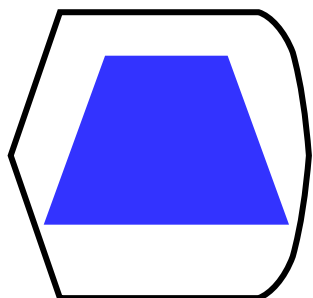
B

If your answer is A, turn to page 8.
If your answer is B, turn to page 9.

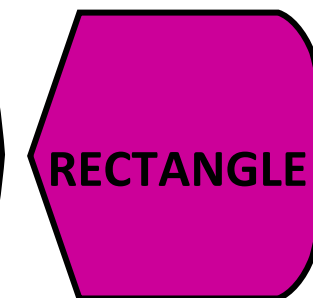
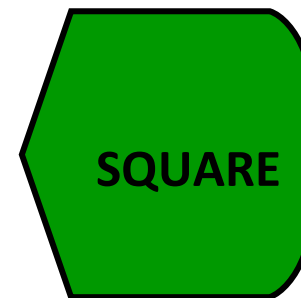
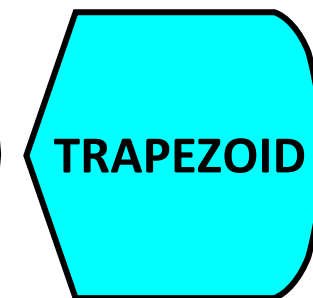
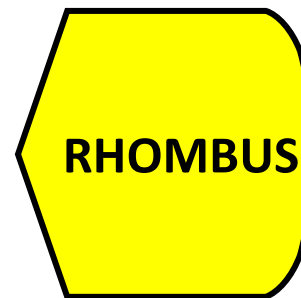
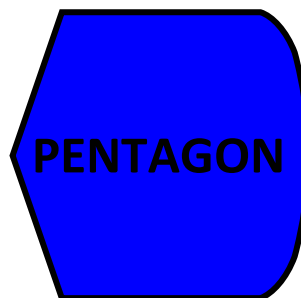
Polygons can be a big help for the sports park. Can you help me working with polygons below?



Cut the shapes below, and paste them on the appropriate name of the polygons on the next page.



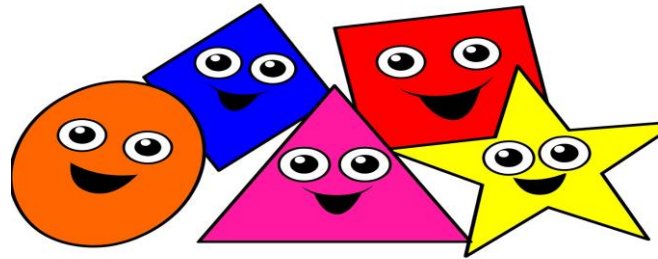
Paste them below.
Enjoy the task!!!



That was GREAT!!!
Here's another reward to keep you going.

Jump to page 10!





Great Job!

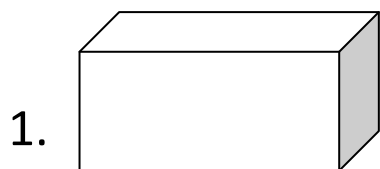
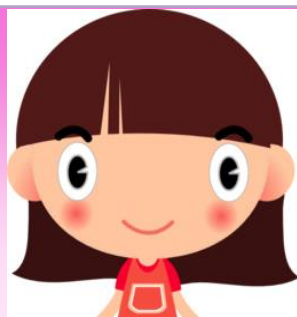
You are now ready for the
next task, go to page 6.

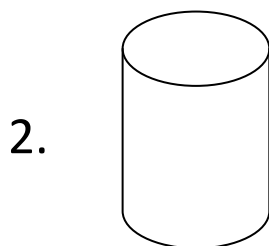


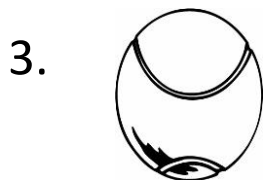
**oops!
try again**

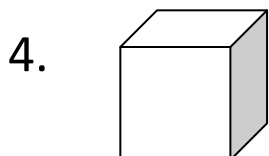
Go back to page 5.

Can you now help me think of objects in a sports park that are similar to the solid figures below?







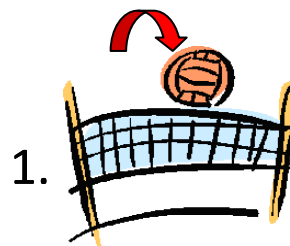




Turn to the next page for a more challenging task.

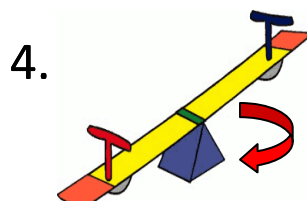
Try Harder!!!

Name the solid figures below.











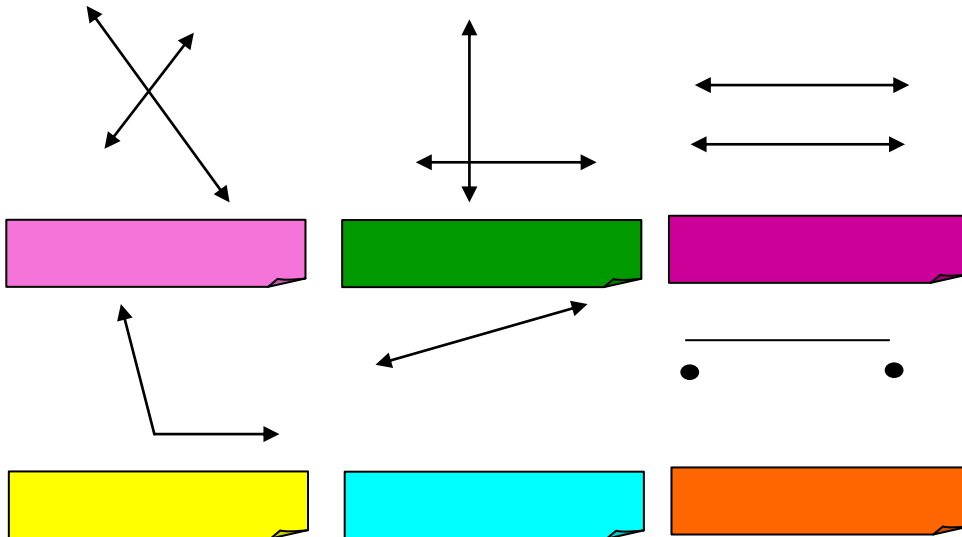
You are doing really well. Here's another reward for a great job.



Playground equipment in the sports park are made and can be associated with lines.

Can you now help me identify the lines or part of the lines below?

Name the following objects below. Pick your answer from the box below.



LINE

LINE SEGMENT

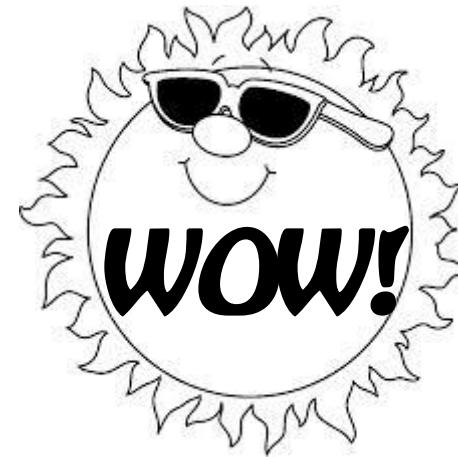
PERPENDICULAR LINES

PARALLEL LINES

ANGLE

INTERSECTING LINES

See next page for the reward that awaits you..



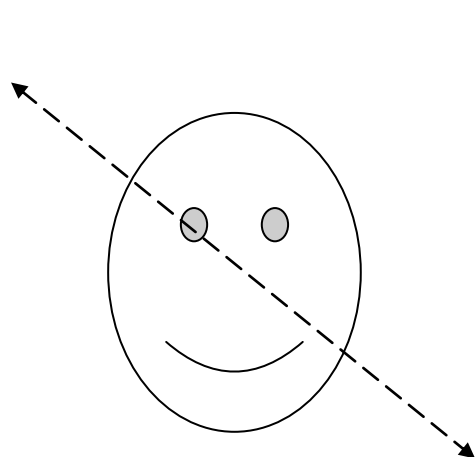
You are learning a lot.

Here's a reward for a successful task.

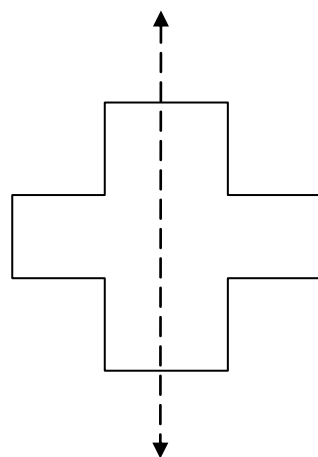


Turn to page 14 .

Which of the dotted lines on these two figures represent a line of symmetry?



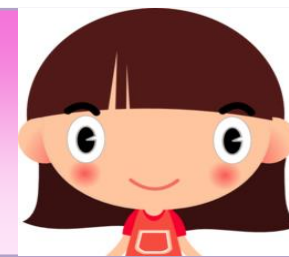
A



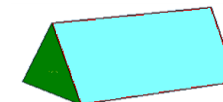
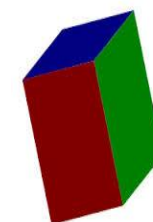
B

If your answer is A, turn to page 17.
If your answer is B, turn to page 18.

Can you help me find the shapes that can be found on the solid figures at the right?



Draw the shapes that can be found on the figures at the right.



That was **GREAT** !!!

Turn to page 16.

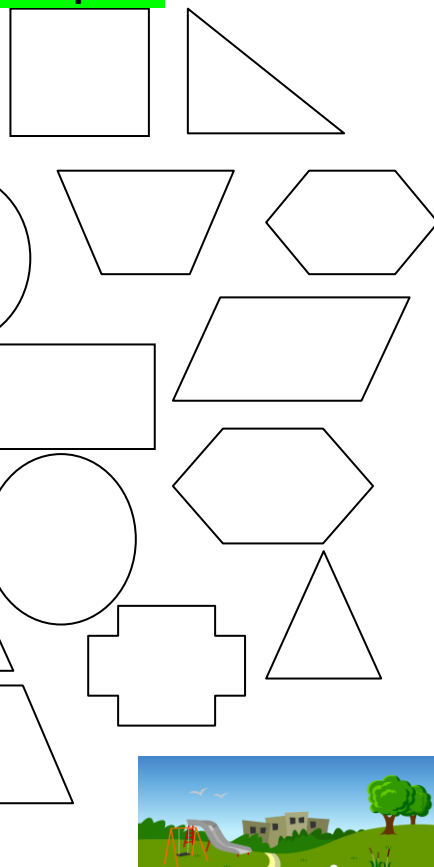
Can you help Francis in finding his way to the sports park?



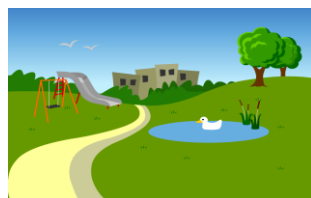
Find the quadrilaterals below. Draw a line to lead its way to the sports park.



START



Go to page 19.



TRY AGAIN!!!

Go back to page 14.



Jump to page 21 for the next task.

WooHoo!



That was fabulous! You did really well in all your tasks. Here's another reward you've been waiting for.



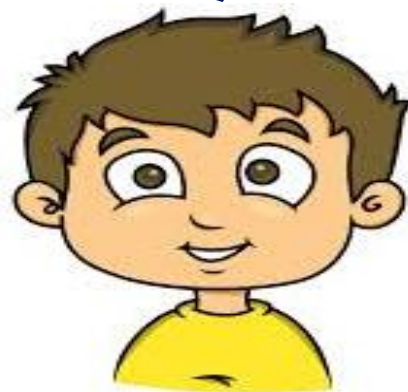
Jump to
page 20.

WOW!!! That was really great. All effort and hard work truly pays off.

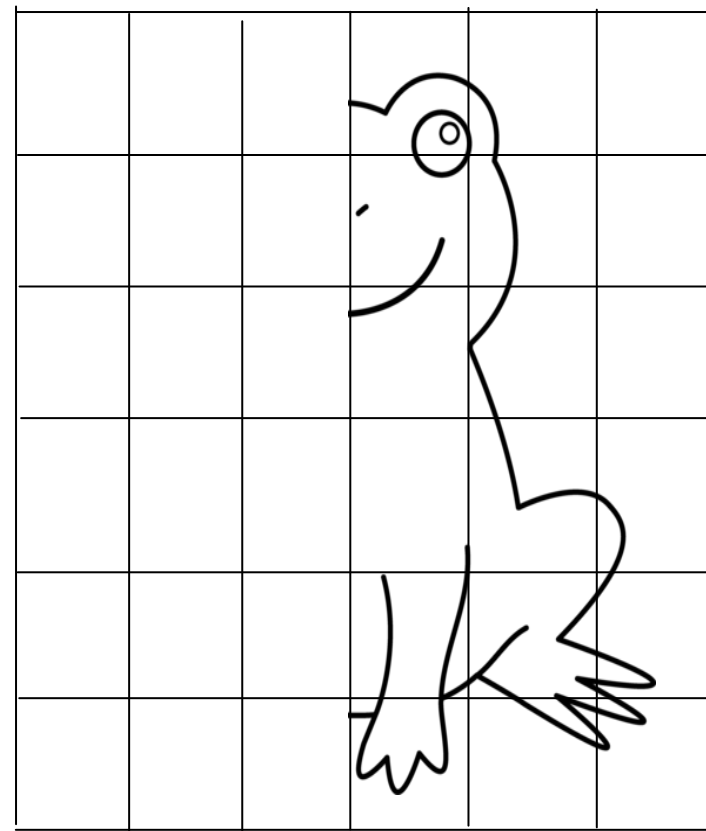
THANK YOU

for helping me out to carry out my tasks.

Looking forward to seeing you in my next quests !!!



The figure below is half of a symmetric shape. Complete the figure using the grid below.



Turn to page 15.