

BUILDING A PLAYGROUND PROJECT

Can you follow the plans?

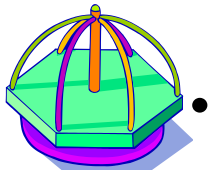
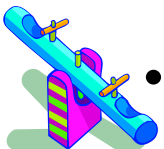

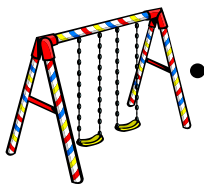




The principal of Fruitland Primary school has asked you to make a scale drawing of the new playground that is going to be built this summer. You need to follow the directions that she gave in order to determine the correct location for each piece of equipment.

The scale on the model that she'd like for you to create is $\frac{1}{4}$ inch = 8 feet.

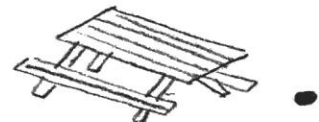
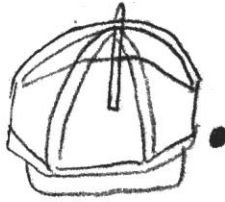
Use this scale to determine the number of inches apart each piece of equipment is on your drawing.

You will need a plain white sheet of paper & a ruler. Write the scale on the bottom left corner of your white paper.

Playground Equipment	Location
	Draw a merry-go-round in the exact center of your paper & place a dot right next to it like you see in the drawing on the left.
	Draw a see-saw 136 feet directly north of the dot you placed next to the merry-go-round. Place another dot right next to your see-saw just like you see it in the drawing on the left.
	Draw a slide 80 feet southwest of the dot you placed next to the see-saw. Place another dot right next to your slide just like you see in the drawing on the left.
	Draw a swing set 152 feet directly east of the dot you placed next to the slide. Place another dot right next to your swing set just like you see in the drawing on the left.
	Draw a picnic table 208 feet directly south of the dot you placed next to the swing set. Place another dot right next to your picnic table just like you see in the drawing on the left.
	Draw a basketball 184 feet directly northwest of the dot you placed next to the picnic table. Place another dot right next to your basketball just like you see in the drawing on the left.

Building a Playground

SAMPLE PROJECT



Scale $\frac{1}{4}$ inch = 8 feet