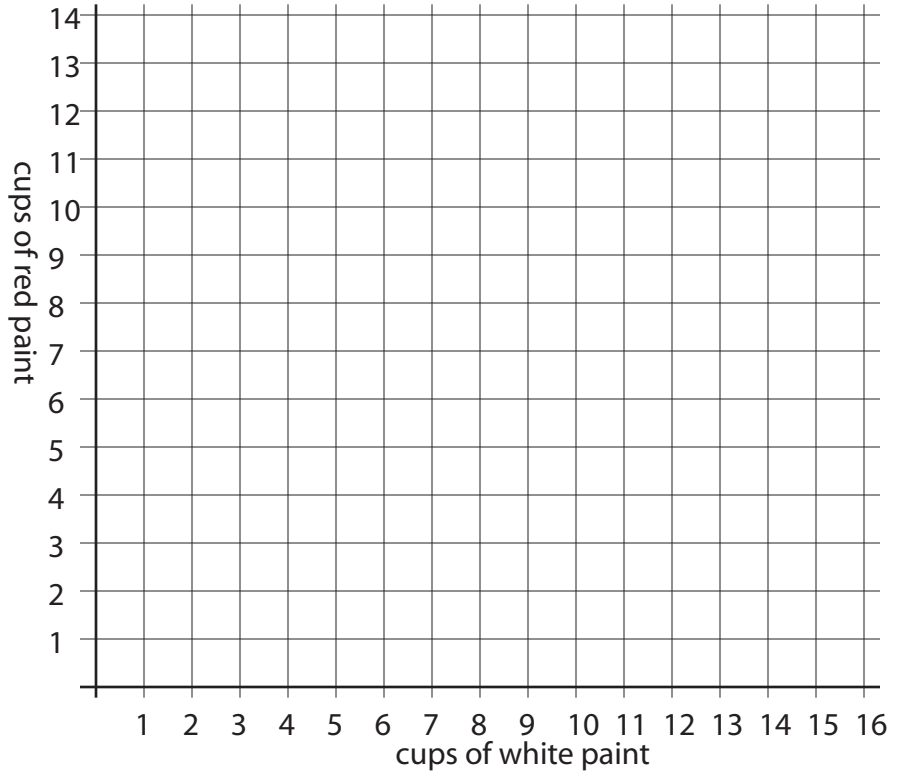


Graphing Equivalent Ratios

1) We can make 1 batch of pink paint by mixing 4 cups of white paint with 3 cups of red paint. Fill in the table below with equivalent ratios. Paint mixtures made with equivalent ratios will look the same. Then plot as many of the the points on the graph as you can.

| | cups white paint | cups red paint | point |
|-------------|------------------------|----------------------|-------|
| 1 batch: | | | |
| 2 batches: | | | |
| 3 batches: | | | |
| 4 batches: | | | |
| 5 batches: | | | |
| 6 batches: | | | |
| 7 batches: | | | |
| 8 batches: | | | |
| 9 batches: | | | |
| 10 batches: | | | |
| 11 batches: | | | |



2) Use the table or graph above to help you answer the following questions.

To make the pink paint with 12 cups of white paint, how many cups of red paint should you use?

Answer: _____

To make the pink paint with 12 cups of red paint, how many cups of white paint should you use?

Answer: _____

To make the pink paint with 6 cups of white paint, how many cups of red paint should you use?

Answer: _____

3) On the graph above, plot the point for a shade of pink paint made by mixing 8 cups of white paint with 5 cups of red paint. Will this shade of pink be the same as the others? Answer: _____

On the graph above, plot the point for a shade of pink paint made by mixing 10 cups of white paint with 9 cups of red paint. Will this shade of pink be the same as the others? Answer: _____