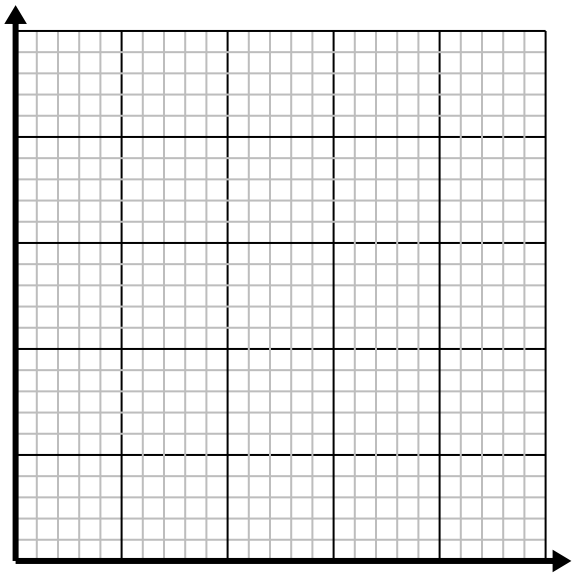
# Creating Tables and Graphs of Ratios

Name:

**Solve each problem.**

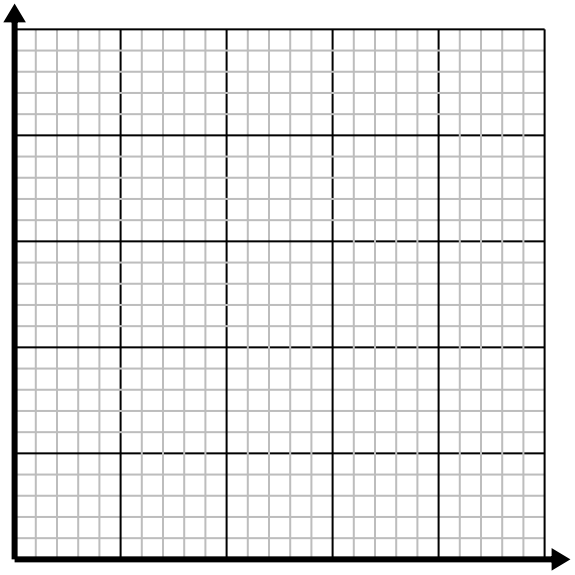
**1)** Every box of candy has 6 pieces of candy.
Create a table showing the pieces of candy in up to 5 boxes, then plot the values on the coordinate plane.

| | | | | | |
|---|---|---|---|---|---|
| | | | | | |



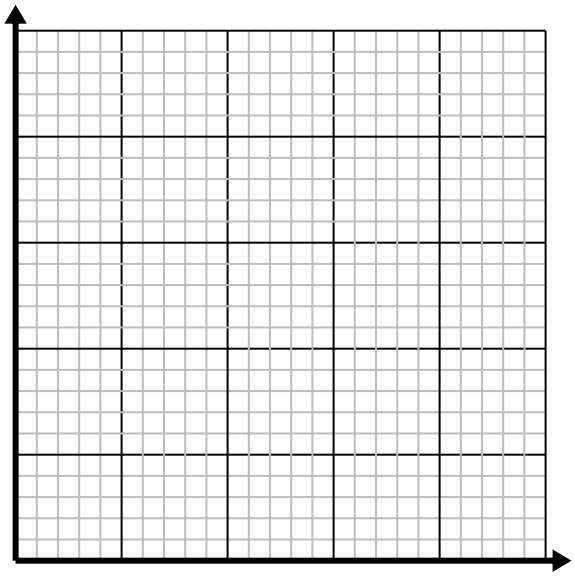
**2)** For every cup of flour 4 batches of cookies can be made.
Create a table showing the batches of cookies that can be made with up to 5 cups of flour, then plot the values on the coordinate plane.

| | | | | | |
|---|---|---|---|---|---|
| | | | | | |



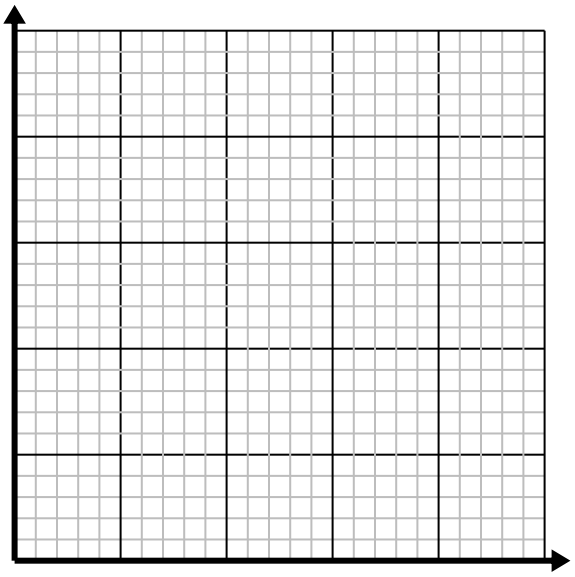
**3)** For every shirts made 6 buttons are used.
Create a table showing the buttons needed for making up to 5 shirts, then plot the values on the coordinate plane.

| | | | | | |
|---|---|---|---|---|---|
| | | | | | |



**4)** Every hour Cody walks 3 miles.
Create a table showing the miles travelled over the course of 5 hours, then plot the values on the coordinate plane.

| | | | | | |
|---|---|---|---|---|---|
| | | | | | |

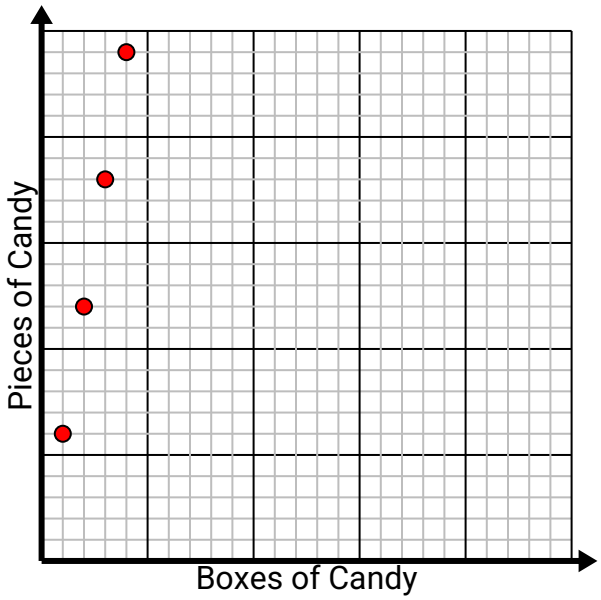


Creating Tables and Graphs of Ratios Name: **Answer Key**

**Solve each problem.**

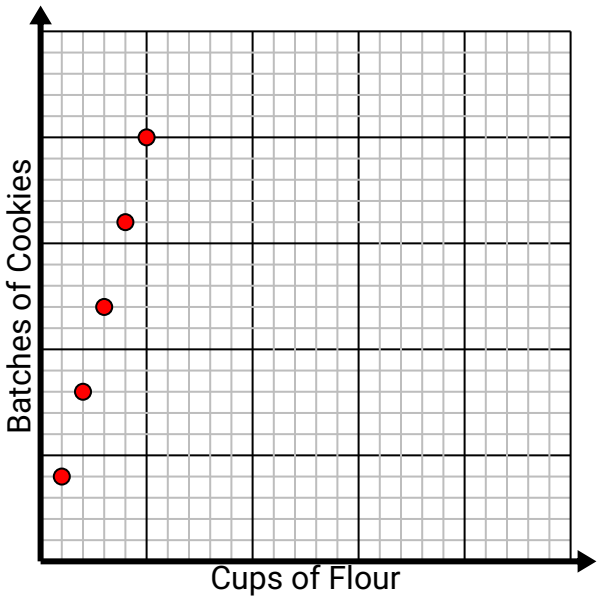
**1)** Every box of candy has 6 pieces of candy. Create a table showing the pieces of candy in up to 5 boxes, then plot the values on the coordinate plane.

| Boxes of Candy | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Pieces of Candy | 6 | 12 | 18 | 24 | 30 |



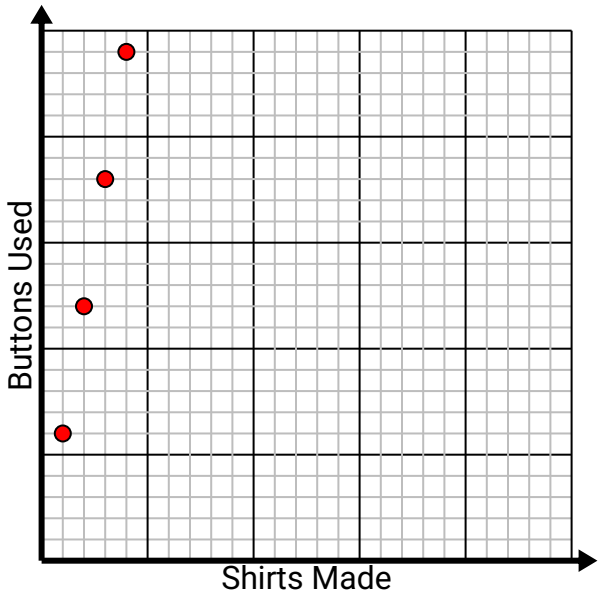

**2)** For every cup of flour 4 batches of cookies can be made.
Create a table showing the batches of cookies that can be made with up to 5 cups of flour, then plot the values on the coordinate plane.

| Cups of Flour | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Batches of Cookies | 4 | 8 | 12 | 16 | 20 |




**3)** For every shirts made 6 buttons are used. Create a table showing the buttons needed for making up to 5 shirts, then plot the values on the coordinate plane.

| Shirts Made | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Buttons Used | 6 | 12 | 18 | 24 | 30 |




**4)** Every hour Cody walks 3 miles.
Create a table showing the miles travelled over the course of 5 hours, then plot the values on the coordinate plane.

| Hours | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Distance (miles) | 3 | 6 | 9 | 12 | 15 |