## Copymaster: Gearing Up

## Activity One

| Game | Number of <br> teeth on the <br> first cog | Number of <br> teeth on the <br> second cog | Number of turns the <br> second cog makes when <br> the first cog is turned once | Number of turns the <br> first cog makes when the <br> second cog is turned once |
| :---: | :--- | :--- | :--- | :--- |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| 4 |  |  |  |  |
| 5 |  |  |  |  |


| Turns of Wheel per 5 Turns of Pedals |  |  |  |  |  |  |  |
| :---: | :--- | :--- | :--- | :--- | :--- | :--- | :---: |
| Front sprocket <br> (teeth) | Rear sprocket (teeth) |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
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## Activity One

| Game | Number of <br> teeth on the <br> first cog | Number of <br> teeth on the <br> second cog | Number of turns the <br> second cog makes when <br> the first cog is turned once | Number of turns the <br> first cog makes when the <br> second cog is turned once |
| :---: | :--- | :--- | :--- | :--- |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| 4 |  |  |  |  |
| 5 |  |  |  |  |


| Turns of Wheel per 5 Turns of Pedals |  |  |  |  |  |  |  |
| :---: | :--- | :--- | :--- | :--- | :--- | :--- | :---: |
| Front sprocket <br> (teeth) | Rear sprocket (teeth) |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
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