Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**GREEN Chapter 7 Graphing 1**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Write and graph an equation in two variables.**TA: C:\replacearts\Green Assessment Book\Green Chapter 7 AB\Arts\PNGs\mscc6_ab_0700_05.png1) A tree grows 2 feet a yearEquation:

|  |  |
| --- | --- |
| x | y |
|  |  |
|  |  |
|  |  |
|  |  |

 |
| 2) A cheetah runs at 60km per hourTA: C:\replacearts\Green Assessment Book\Green Chapter 7 AB\Arts\PNGs\mscc6_ab_0700_05.pngEquation:

|  |  |
| --- | --- |
| x | y |
|  |  |
|  |  |
|  |  |
|  |  |

 |
| 3) 2 eggs are used for every dozen cookies madeEquation: TA: C:\replacearts\Green Assessment Book\Green Chapter 7 AB\Arts\PNGs\mscc6_ab_0700_05.png

|  |  |
| --- | --- |
| x | y |
|  |  |
|  |  |
|  |  |
|  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4) Kylie joins a modeling company. She pays $150 for a portfolio and then $25 every job the company finds her after that. Write an equation and then graph how much money Kylie pays.TA: C:\replacearts\Green Assessment Book\Green Chapter 7 AB\Arts\PNGs\mscc6_ab_0700_05.pngEquation:

|  |  |
| --- | --- |
| x | y |
|  |  |
|  |  |
|  |  |
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| 5) A spider climbs a wall. You spot him at 200 centimeters above the ground. He then climbs steadily 25 centimeters per minute.TA: C:\replacearts\Green Assessment Book\Green Chapter 7 AB\Arts\PNGs\mscc6_ab_0700_05.pngEquation:

|  |  |
| --- | --- |
| x | y |
|  |  |
|  |  |
|  |  |
|  |  |

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| 6) A hang glider jumps off a cliff at 1200 feet. He drops 15 feet per minute until he reaches the ground. Write an equation for his descent then graph it.Equation: TA: C:\replacearts\Green Assessment Book\Green Chapter 7 AB\Arts\PNGs\mscc6_ab_0700_05.png

|  |  |
| --- | --- |
| x | y |
|  |  |
|  |  |
|  |  |
|  |  |

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