Math Homework Due 2-13-14 Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Please watch the video and complete this paper.

1. A vertex is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Example Non-example

1. A face is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Example Non-example

1. An edge is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Example Non-example

**We are starting something new with our facts. This week you only need to practice your 5’s. On Friday you will have a fact fluency test. If you beat the time and number correct you will get 100 Starbucks from your teacher. If you meet every goal for a month then you will get the mystery prize. There will be a new prize every month! Start practicing.**

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| **Monday** | **Tuesday** | **Wednesday** | **Thursday** |
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| Figure  | Examples | Attributes |
| Rectangular Prism |  | \_\_\_ rectangular faces\_\_\_\_ edges\_\_\_\_ vertices |
| Cube |  | \_\_\_\_ square faces\_\_\_\_ edges\_\_\_\_\_ vertices |
| Square Pyramid | http://t3.gstatic.com/images?q=tbn:ANd9GcQQQITtt-Pl_y17Ecz65OO_nD75LXBcFVXX8ztWPlOGZTZIK4aZAQ | \_\_\_\_\_ square face\_\_\_\_\_ triangle faces\_\_\_\_\_ edges\_\_\_\_\_ vertices |
| Cone | http://www.k6-geometric-shapes.com/image-files/3d-cone.jpg | \_\_\_\_ circular face\_\_\_\_ edges\_\_\_\_\_ vertices |
| Cylinder |  | \_\_\_\_ circular faces\_\_\_\_ edges\_\_\_\_\_ vertices |
| Sphere | http://t2.gstatic.com/images?q=tbn:ANd9GcR8f0of9K_53q7ABeIV0ugd05K2XGqszxAp1Yhkm0vh31CpcjEsSw | \_\_\_\_ faces\_\_\_\_ edges\_\_\_\_\_\_ vertices |

Please answer these questions about the volume of a rectangular prism.

1. What is the formula for the volume of a rectangular prism or cube?
2. The length is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. The width is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. The height is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

To find the volume of a rectangular prism you need to multiply length x width x height.

1. Find the volume of the following figure.

4

5

12

1. Find the volume of the following figure.

7

6

13