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](http://www.google.com/imgres?imgurl=http://www.kidsmathgamesonline.com/images/pictures/shapes/squarepyramid.jpg&imgrefurl=http://www.kidsmathgamesonline.com/pictures/shapes/squarepyramid.html&h=600&w=600&sz=21&tbnid=Im1jX50FXZiArM:&tbnh=92&tbnw=92&prev=/search?q=square+pyramid&tbm=isch&tbo=u&zoom=1&q=square+pyramid&usg=__2MBRYEd7ZNNQDU-GNLnN67dNgO4=&docid=qzC6qrP0vU4eIM&hl=en&sa=X&ei=wKsZUfHbBM3zqAHN1IDoAg&sqi=2&ved=0CEMQ9QEwBA&dur=1281) | \_\_\_\_\_ 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](http://www.google.com/imgres?q=geometry+shapes+sphere&um=1&hl=en&tbo=d&rlz=1R2ADSA_enUS372&biw=1280&bih=508&tbm=isch&tbnid=7t6iIli8EQYERM:&imgrefurl=http://etc.usf.edu/clipart/42200/42259/spherearc_42259.htm&docid=IRKds9RyvLvVaM&imgurl=http://etc.usf.edu/clipart/42200/42259/spherearc_42259_lg.gif&w=1024&h=843&ei=qa0ZUa3nPMK9qgHV8YCIDQ&zoom=1&iact=hc&vpx=821&vpy=137&dur=703&hovh=204&hovw=247&tx=153&ty=96&sig=114445526349038010790&page=3&tbnh=141&tbnw=171&start=44&ndsp=21&ved=1t:429,r:63,s:0,i:275) | \_\_\_\_ 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