CCMath 8 EOG Prep MORE GEOMETRY NDC \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |
| --- |
| 1a) REFLECTION 1b) Explain HOW to do this problem |
| 2a) DILATION Explain HOW to do this problem | 2b) What is the scale factor of the dilation?  |
| 3) ROTATIONExplain HOW to do this problem  |
| 4a) TRANSVERSALS & PARALLEL LINES 4b) Can you identify all pairs of angle relationships?87634251Vertical CorrespondingAlt. Interior Alt. Exterior1. 50 degrees C. 80 degrees

B. 130 degrees D. 150 degrees |
| 5) VERTICAL ANLGES1. Alternate interior C. alternate exterior
2. corresponding D. vertical
 | 6) THE PYTHAGOREAN THEOREM1. 5 in² B. 30 in² C. 50 in² D. 60 in²
 |
| 7) VOLUME(working backwards)A. 6 units B. 7 units C. 8 units D. 9 units | 8) VOLUME What is the volume of the cylinder? |
| 9a) VOLUME 9b) What is the volume formula for a sphere? What can you do to remember it? |
| 10a) ANGLESFind the values of x & y in the triangle.10b)EXTERIOR ANGLE RULE The sum of the 2 opposite interior angles equals the exterior angle. 10c)TRIANGLE SUM RULE10d) EXAMPLE 10e) EXAMPLE All 3 angles inside of any triangle = 180 degrees.  |

Transformations Review Videos:

Dilations Rotations Reflections Translations Combination

