**Linear Equations**

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

1. Review:

|  |
| --- |
| Slope Intercept: y=mx+b, where m = slope and b=y-intercept  Point-Slope: y- where () represents an ordered pair and m=slope  Parallel Lines: Same Slope  Perpendicular Lines: Opposite Reciprocal Slope  Slope: or |

2.Assess your skills:

-Go to [Big Ideas Quiz](https://www.bigideasmath.com/protected/content/dcs_cc_v2/a1/c02/q2/pc_02_q2.html) and take the practice quiz.

-Record your score: \_\_\_\_\_\_\_\_\_\_\_/13 \_\_\_\_\_\_%

Analyze your results for #1-13. What type of problems did you struggle with?

\_\_\_/3 pts. Writing an Equation in Slope-Intercept (#’s 1-3)

\_\_\_/2 pts. Write an equation of a line that passes through two points (#’s 4-5)

\_\_\_/3 pts. Write an equation of a parallel or perpendicular line (#’s 6-8)

\_\_\_/5 pts. Point Slope Form(#’s 9-13)

3: Extra Practice:

|  |  |
| --- | --- |
| **Practice Games**  [Save the Zogs](http://www.mathplayground.com/SaveTheZogs/SaveTheZogs.html)  [Line Gem](http://funbasedlearning.com/algebra/graphing/lines/)  [Parallel Practice](http://www.coolmath.com/crunchers/algebra-problems-equations-parallel-lines)  [Perpendicular Practice](http://www.coolmath.com/crunchers/algebra-problems-equations-perpendicular-lines) | **Review/Tutorials**  [Equation Given 2 Points](http://www.coolmath.com/algebra/08-lines/12-finding-equation-two-points-01)  [Parallel Lines](http://www.coolmath.com/algebra/08-lines/13-parallel-lines-01)  [Perpendicular](http://www.coolmath.com/algebra/08-lines/14-perpendicular-lines-01) |

**Surface Area/Volume/Angles**

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

1. Review:

|  |
| --- |
| Complementary Angles: Add up to 90 degrees  Supplementary Angles: Add up to 180 degrees  Similar Figures: Have the same shape but not necessarily the same size.  Surface Area of Prism: S = areas of bases + areas of lateral faces  Surface Area of Cylinder:  Surface Area of Pyramid: S= area of base +areas of lateral faces  Surface Area of Cones: |

2. Assess your skills:

-Go to [Surface Area Quiz](https://www.bigideasmath.com/protected/content/dcs_cc_v2/online_tests/g7/study_help/redstudent06.htm) and take the practice quiz.

-Record your score: \_\_\_\_\_\_\_\_\_\_\_/10 \_\_\_\_\_\_%

Analyze your results for #1-13. What type of problems did you struggle with?

\_\_\_/4 pts. Surface area of prism/regular pyramid (#’s 1-4)

\_\_\_ /3 pts. Surface area of cylinder or cone.. (#’s 5-7)

\_\_\_/2 pts. Find the surface area (#’s 8 & 9)

\_\_\_ Short Answer

3: Extra Practice:

|  |  |
| --- | --- |
| **Practice Games**  [**The House That Math Built**](http://www.realworlded.com/demos/mathhousedemo.htm)  [Angle Game](http://www.mathplayground.com/geometry_quiz.html)  [Measuring Angles](http://www.mathplayground.com/measuringangles.html) | **Review/Tutorials**  [Surface Area](https://www.brainingcamp.com/legacy/content/concepts/surface-area/lesson.php)  [**Surface Area Tool**](https://www.brainingcamp.com/legacy/content/concepts/surface-area/manipulative.php)  [**Surface Area Practice Problems**](https://www.brainingcamp.com/legacy/content/concepts/surface-area/questions.php) |