**MATH 107** Name_____

## Assignment R

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This review assignment is due the first day of class. If the assignment seems difficult, then consider refreshing your algebra and triangle trigonometry skills with either MATH 137 or the short online refresher courses Algebra Prep for Math 12 and Trig Prep for Math 12 at https://sites.google.com/site/mathchaircamosun/home/ALEKS-prep-courses

**No calculators**. Show all of your work in the space provided.

1. Simplify: $\dfrac{x^4 \quad 16}{x^2 \quad 10x \quad 16}$

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2. Combine: $\dfrac{1}{x \quad 1} \quad \dfrac{1}{x \quad 1}$

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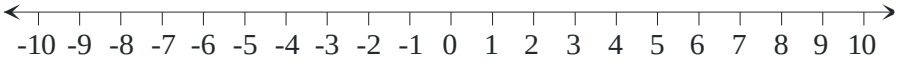
3. Solve and graph your solution on the number line: $3x \quad x \quad 7 \quad 4 \quad x \quad \dfrac{20}{10}$



4. Solve $S \quad 2 \quad r^2 \quad 2 \quad rh$

9. One side m les