QUIZ 1 - MATH 112   Friday, January 17

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Read each problem **very carefully** before starting to solve it. Each problem is worth 5
points. It is necessary to show **all** your work. Correct answers without explanations are
worth 0 points. GOOD LUCK!!

1. Find an equation for the line l that passes through the origin and is perpendicular to the line
   l' passing through $(-2, 13)$ and $(7, 10)$.

2. Simplify and leave your answer without negative exponents:

$$\frac{x^3 y^5 x^{-7}}{y^{11} x^{-11}} =$$