

Lori Ann Lancaster

Million Dollar Mission

Core Math: patterns, relations, exponents

Middle level grade 7; working towards Benchmark 3

Implementation after exponents and pre-equations

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Bill Gates offer you a job, he doesn't give many details and mumbles something about being dangerous... He offers two payment plans:

- a) One cent on the first day, two cents on the second day and double your salary every day after that for the thirty days, or
- b) Exactly \$1,000,000.

Which option is most financially beneficial?

Include all work, graphs, tables, and formulas used to solve your payment dilemma.