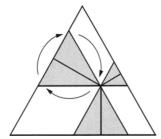
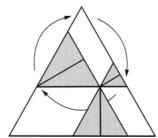
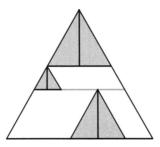
- 4. L. E. Dickson, Lowest integers representing sides of a right triangle, Amer. Math. Monthly 1 (1894), 6-11.
- 5. ———, History of the Theory of Numbers, Vol. 2, Chelsea Pubishing Company, New York, 1971.
- 6. Wolfgang Ebeling, Lattices and Codes, 2nd ed., Friedr. Vieweg & Sohn, Braunschweig/Wiesbaden, 2002.
- 7. Charles Kittel, Introduction to Solid State Physics, 7th ed., John Wiley & Sons, New York, 1996.
- 8. Darryl McCullough, Height and excess of Pythagorean triples, this MAGAZINE, to appear.
- 9. Morris Newman, Integral Matrices, Academic Press, New York, 1972.
- 10. O. Timothy O'Meara, Introduction to Quadratic Forms, Springer-Verlag, New York, 2000.
- H. Pollard and H. G. Diamond, The Theory of Algebraic Numbers, Mathematical Association of America, 1975.
- 12. E. Robson, Words and pictures: New light on Plimpton 322, Amer. Math. Monthly 109 (2002), 105-120.
- 13. Joseph J. Rotman, Advanced Modern Algebra, Prentice-Hall, Upper Saddle River, 2002.
- 14. Marjorie Senechal, Quasicrystals and Geometry, Cambridge University Press, 1995.
- 15. W. Sierpiński, Elementary Theory of Numbers, North-Holland, New York, 1988.
- J. H. Silverman, A Friendly Introduction to Number Theory, 2nd ed., Prentice-Hall, Upper Saddle River, 2001.

Proof Without Words: Viviani's Theorem

In an equilateral triangle, the sum of the distances from any interior point to the three sides is equal to the altitude of the triangle.







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