

Math in the Movies



Donald in Mathmagicland (1959).....playing billiards is mathematical
<http://www.math.harvard.edu/~knill/mathmovies/m4v/donald.m4v>

Abbott and Costello: In the navy (1941)
Abbott and Costello do a Calculation trick to show that $7 \cdot 13 = 28$
http://www.math.harvard.edu/~knill/mathmovies/m4v/inthenavy_28.m4v

The Office: Season 5 Episode 9 (2008)
Explaining a surplus to a 5 year old.
http://www.math.harvard.edu/~knill/mathmovies/m4v/office_surplus.m4v

Pay It Forward (2000)
Powers of three in a good pyramid scheme: select 3 people to do good things for and then those 3 each select 3 more people, etc
<http://www.math.harvard.edu/~knill/mathmovies/m4v/payitforward.m4v>

The Wizard of Oz (1939)
The scare crow theorem: in an isosceles triangle, the sum of the square roots of two sides is the square root of the third side.
<http://www.math.harvard.edu/~knill/mathmovies/m4v/ozz.m4v>

Little Big League (1994)
Joe can paint the house in $a=5$ hours, Sam can paint the house in $b=3$ hours. How much time do they need if the paint it together?
<http://www.math.harvard.edu/~knill/mathmovies/m4v/league.m4v>

Ma and Pa Kettle (1949)
Different proofs that $25/5 = 14$
<http://www.math.harvard.edu/~knill/mathmovies/m4v/maandpakettleaddition.m4v>

Person of Interest (2011)
Finch as a substitute teacher talks about the digits of pi. He gives an answer to the question "When are we ever going to use this?"
<http://www.math.harvard.edu/~knill/mathmovies/m4v/personofinterest.m4v>