

2009 Math History (Open)

Solutions:

- 1) C http://en.wikipedia.org/wiki/Moscow_Mathematical_Papyrus
- 2) A <http://www-groups.dcs.st-and.ac.uk/~history/Biographies/Baudhayana.html>
- 3) A <http://www.mathopenref.com/thales.html>
- 4) E the correct answer should be Euclid, Alexandria, *Elements*
<http://www.eclectichomeschool.org/articles/article.asp?articleid=171> and
<http://en.wikipedia.org/wiki/Euclid>
- 5) D <http://aleph0.clarku.edu/~djoyce/mathhist/china.html>
- 6) C <http://www.astro.cornell.edu/academics/courses/astro201/hipparchus.htm>
- 7) B <http://www-groups.dcs.st-and.ac.uk/~history/Biographies/Brahmagupta.html>
- 8) B http://en.wikipedia.org/wiki/Ya%CA%BFq%C5%ABb_ibn_Is%E1%B8%A5%C4%81q_al-Kind%C4%AB
- 9) D http://www-groups.dcs.st-and.ac.uk/~history/HistTopics/Mayan_mathematics.html and
http://meta-religion.com/World_Religions/Ancient_religions/Central_america/olmec_civilization.htm
- 10) B <http://www.math.utah.edu/~beebe/software/java/fibonacci/liber-abaci.html>
- 11) D <http://www.nicole-oresme.com/seiten/oresme-biography.html>
- 12) A <http://www.greatfeuds.com/more-on-mathematics.htm>,
<http://www.robotwisdom.com/science/natphils/and> http://en.wikipedia.org/wiki/Gerolamo_Cardano
- 13) D http://en.wikipedia.org/wiki/John_Napier
- 14) E, Newton wrote all the listed works <http://www.newtonproject.sussex.ac.uk/prism.php?id=15> 12)
and http://en.wikipedia.org/wiki/Isaac_Newton13)
- 15) A <http://www.iep.utm.edu/d/descarte.htm#H2>
- 16) C http://en.wikipedia.org/wiki/Evangelista_Torricelli16)
- 17) D <http://www-groups.dcs.st-and.ac.uk/~history/Biographies/Euler.html>
- 18) B http://www-groups.dcs.st-and.ac.uk/~history/Mathematicians/Bernoulli_Daniel.html
- 19) D http://www.hardycalculus.com/calcdindex/IE_rollemichel.htm
- 20) E, probability http://en.wikipedia.org/wiki/Georges-Louis_Leclerc,_Comte_de_Buffon
- 21) A http://en.wikipedia.org/wiki/Joseph_Louis_Lagrange
- 22) D http://www.shsu.edu/~icc_cmf/bio/gauss.html
- 23) C http://www-groups.dcs.st-and.ac.uk/~history/Biographies/Bolyai_Farkas.html
- 24) C http://en.wikipedia.org/wiki/Bernhard_Riemann

- 25) B http://en.wikipedia.org/wiki/Niels_Henrik_Abel
- 26) A <http://scienceworld.wolfram.com/biography/CantorGeorg.html>
- 27) D http://en.wikipedia.org/wiki/Bertrand_Russell 28)
- 28) E <http://www.nndb.com/people/401/000032305/>
- 29) A <http://www.math.umn.edu/~wittman/hilbert.html> and
<http://www.sonoma.edu/Math/Faculty/falbo/hilbert.html>
- 30) C <http://bellsouthpwp.net/s/p/spud52/andrewwilesbio.htm>

Tiebreaker #1

- 1) France <http://www-groups.dcs.st-and.ac.uk/~history/Mathematicians/Viete.html> http://en.wikipedia.org/wiki/Category:17th_century_mathematicians
- 2) England http://en.wikipedia.org/wiki/Augustus_De_Morgan
- 3) United States <http://www-groups.dcs.st-and.ac.uk/~history/Mathematicians/Gibbs.html>
- 4) Ireland http://en.wikipedia.org/wiki/William_Rowan_Hamilton

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5) Netherlands <http://www-groups.dcs.st-and.ac.uk/~history/Mathematicians/Huygens.html>

Tiebreaker #2 (getting the last name alone is good enough)

1) Diophantus 2) Pierre Simon Laplace 3) Robert Recorde 4) Pierre de Fermat 5) Zu Chongzhi and Zu Geng
(listing either one is enough, they wrote it together as father and son).

<http://nsm1.nsm.iup.edu/gsstoudt/history/images/images.html>

http://en.wikipedia.org/wiki/Pierre_de_Fermat

<http://aleph0.clarku.edu/~djoyce/mathhist/china.html>

Tiebreaker #3

They all originate from Japan http://en.wikipedia.org/wiki/Japanese_mathematics