

Back to [www.qedcat.com](http://www.qedcat.com).



Below are the answers to our [2013 Maths Masters' Summer Quiz](#). The detailed solutions can be downloaded here: [Easy](#), [Medium](#) and [Hard](#).

If you're looking for more puzzles, you can check out our previous quizzes: [the 2012 Quiz](#); [the 2011 Quiz](#); [the 2010 Quiz](#); [the 2009 Quiz](#); [the 2008 Quiz](#).

Easy 1: 45 and 40.

Easy 2: The circumference.

Easy 3: The only pair is 2 and 997.

Easy 4: 7 pages.

Easy 5: 1.

Easy 6:  $1/16$  and  $1/4$ .

Easy 7: 5.

Easy 8: 13.

Easy 9: 372 votes.

Easy 10: The number in the top left corner is 16.

Medium 1: 73.

Medium 2:  $1/3$ .

Medium 3: 13 marbles.

Medium 4: Niels.

Medium 5: More than half.

Medium 6: A loss of 69 cents.

Medium 7: 2 helpers.

Medium 8:  $2/3$ .

Medium 9: 17 and 45.

Medium 10: Take 1, 2 and 3 bars from the piles.

Hard 1: (3, 8, 35), (4, 7, 30) and (5, 6, 28).

Hard 2:  $25/74$ .

Hard 3: The areas are equal.

Hard 4: 3 moves.

Hard 5: 14.5 meters.

Hard 6: The other possibilities are the sequences starting with 14 and 25.

Hard 7: 120 ounces.

Hard 8: 5050.

Hard 9: The left side.

Hard 10: If you have 11 different nets then you're done!



Copyright 2004-∞ All rights reserved.