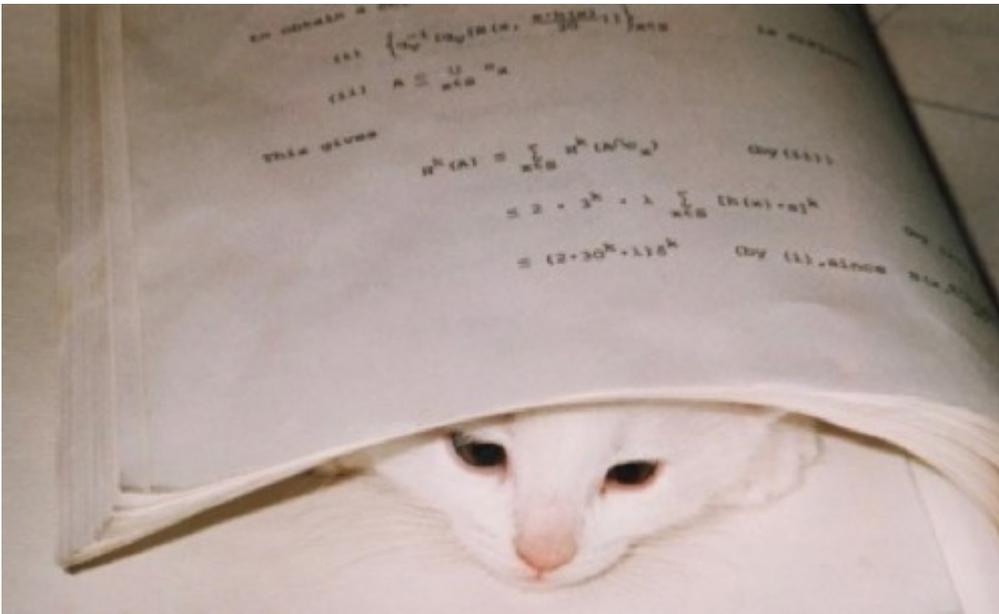


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Below are the quick answers to our [2011 AGE Summer Quiz](#). The detailed solutions can be downloaded here: [Easy](#), [Medium](#), and [Hard](#).

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

E1: 15 minutes.

E2: 3 centimetres.

E3: No.

E4: 127.

E5: 5 kg, 65 kg (excluding Tony's ego) and 45 kg.

E6: All are  $4-\pi$  square centimetres.

E7: 9.

E8: 5 kilometres per hour.

E9: Place one cup inside another.

E10: More than 1000 people were surveyed.

M1: 50-50 (roughly).

M2: 5.

M3: 17.

M4: No.

M5: Either the fourth statement alone is true, or we have a paradox.

M6: 1350.

M7:  $39/55$ .

M8: 300 (roughly).

M9: Yes.

M10: 14 blocks, and there are 3432 such routes.

H1:  $2/3$ .

H2: About 7.9 cm, and about 12.7 cm.

H3: About 9.8 metres.

H4: 1, 4, 9, 16, 25, 36, 49, 64, 81 and 100.

H5: 80 square centimetres.

H6: Simultaneously light two ends of one fuse, and one end of the other.

H7: Think of the 15 shapes as three groups of 5 shapes.

H8: Group any 38 of the coins together, and turn them over.

H9: The lower right end of the grey plank.

H10: First imagine you have enough fuel in the petrol tank for the whole trip.



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