

# Ruckus

## Diamond Maths

- 1) The diamond is worth £50,000 in the UK. In US dollars \$ it is worth four times as much. How much is the diamond worth in the US? In which currency is the diamond worth more? Explain your answer.
- 2) The diamond is one of twelve identical diamonds cut from a rare stone. If one diamond is worth £50,000, how much would the whole collection be worth?
- 3) The brothers find all of the diamonds. They sell half to a Scandinavian jewel collector for triple what they are worth in UK £. How much profit do they make?
- 4) What is the probability of Frank beating Jason and running off with the diamond? Explain your answer.
- 5) Challenge: Have a look at the diamond below. How many triangles can you count?

