




1st February		
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<p>George has a bag of marbles. There are 5 red and 7 white marbles. George takes out a marble at random and records the colour. George puts the marble back into the bag and then takes out another marble.</p>	<p>Complete the probability tree diagram.</p>	
<p>James has organised a game to raise money for charity at a local fair. He rolls a fair six sided dice and flips a fair coin. If the coin lands on heads, the number on the dice is squared. If the coin lands on tails, the number on the dice is cubed. Each person pays 50p to play. If they score above 30, they win £1 The game is played 450 times. How much money does James raise for charity?</p>	<p>Find the probability that the two marbles are red</p>	

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