

Great Grandma's will

1



Great Grandma Gertie died at the grand age of 100. She had three sons and they are all still alive. Tom is 75, Dick is 73 and Harry is 71.

7



Beverley married Ben and they had a daughter Susan, now aged 12.



11



Carol decided to keep 30% for herself and to divide the rest so that her husband had 30% and each of the twins had 20% of the remaining money.

2



Harry married Hilda and they had a daughter Carol, now aged 36.

8 Carol married Tim and they had twins Jilly and Billy, now aged 10.

3

Tom married Mary and they had a daughter Ann, now aged 45.



9



Tom, Dick and Harry each divided up the money that they received so that each of the husbands kept 30%, each wife had 30% and each of their children had 40%.

4

Dick married Doris and they had a daughter Beverley, now aged 42.



5

After taxes had been paid Great Grandma Gertie left £328,500. She divided her money between her three sons in the ratio of their ages.



10

Ann and Beverley each divided up the money that came to them so that their husbands had two-fifths, they kept two-fifths and their children had one-fifth.



6

Ann married Bill and they had a son Mark, now aged 15.



12

Draw a diagram of the family tree and work out how much money they each received.





Great Grandma's will



<p>Tom gets $(75 \div 219) \times \text{£}328,500$ $= \text{£}112,500$</p> <p>Tom keeps 30% = $0.3 \times \text{£}112,500$ $= \text{£}33,750$</p>	<p>Dick gets $(73 \div 219) \times \text{£}328,500$ $= \text{£}109,500$</p> <p>Dick keeps 30% = $0.3 \times \text{£}109,500$ $= \text{£}32,850$</p>	<p>Harry gets $(71 \div 219) \times \text{£}328,500$ $= \text{£}106,500$</p> <p>Harry keeps 30% = $0.3 \times \text{£}106,500$ $= \text{£}31,950$</p>
<p>Tom marries Mary</p> <p>Mary gets 30% = $\text{£}33,750$</p>	<p>Dick marries Dorris</p> <p>Dorris gets 30% = $\text{£}32,850$</p>	<p>Harry marries Hilda</p> <p>Hilda gets 30% = $\text{£}31,950$</p>
<p>Ann gets 40% = $0.4 \times \text{£}112,500$ $= \text{£}45,000$</p> <p>Ann keeps $2/5 = 0.4 \times \text{£}45,000$ $= \text{£}18,000$</p>	<p>Beverley gets 40% = $0.4 \times \text{£}109,500$ $= \text{£}43,800$</p> <p>Beverley keeps $2/5 = 0.4 \times \text{£}43,800$ $= \text{£}17,520$</p>	<p>Carol gets 40% = $0.4 \times \text{£}106,500$ $= \text{£}42,600$</p> <p>Carol keeps 30% = $0.3 \times \text{£}42,600$ $= \text{£}12,780$</p>
<p>Ann marries Bill</p> <p>Bill gets $2/5 = \text{£}18,000$</p> <p>Mark (son) gets $1/5 = \text{£}45,000 \div 5$ $= \text{£}9,000$</p>	<p>Beverley marries Ben</p> <p>Ben gets $2/5 = \text{£}17,520$</p> <p>Susan gets $1/5 = \text{£}43,800 \div 5$ $= \text{£}8,760$</p>	<p>Carol marries Tim</p> <p>Tim gets 30% = $\text{£}12,780$</p> <p>Jilly gets 20% = $0.2 \times \text{£}42,600$ $= \text{£}8,520$</p> <p>Billy gets 20% = $\text{£}8,520$</p>