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Foundation Interleaving Quiz		
Branch 8	8 Quiz 3	
1) Find, in standard form, the value of $(5.8 \times 10^3) \times (2 \times 10^2)$ (3 marks)	 4) 60 people took a test. 28 people were female. females passed and failed in the ratio of 43 people passed in total. a) Complete the frequency tree. 	of 3:4 (3 marks)
Answer: 2) Below is a function machine Input $\times 2$ -3 Output a) What is the output when the input is -2 ? (1 mark)		
Answer: b) What is the input when the output is –2? (1 mark) Answer:	b) Holly states that a higher proportion o passed the test to females. Is she correct Give reason for your answer.	f males ? (2 marks)
c) What is the output when the input is 3 <i>x</i> ? (1 mark) Answer:		
3) a) Calculate the volume of the cone. (2 marks) Give your answer correct to 1 d.p Volume of cone $=\frac{1}{3}\pi r^2 h$		
Answer:	QTopicΣ1Standard Form2Function Machines3Volume and Mass	R A G
Answer:	4 Frequency Tree	om 🦯