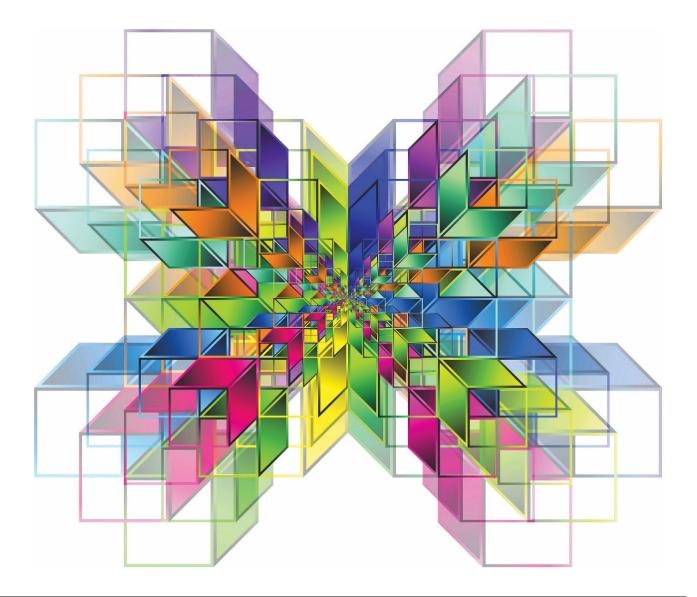


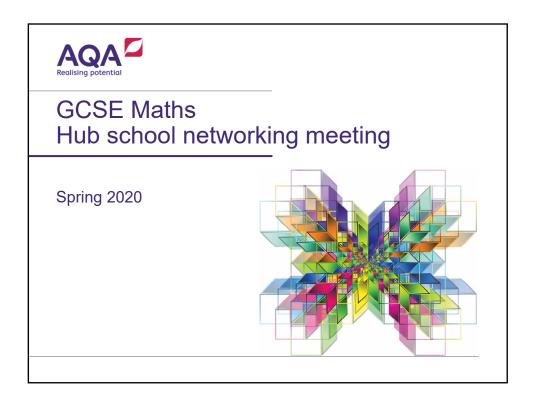
GCSE MATHEMATICS

Hub school network meetings

Presentation slides booklet

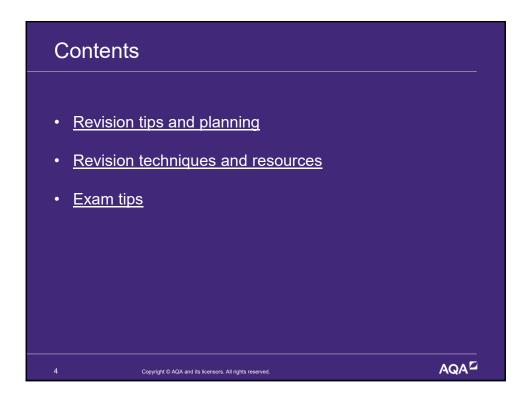
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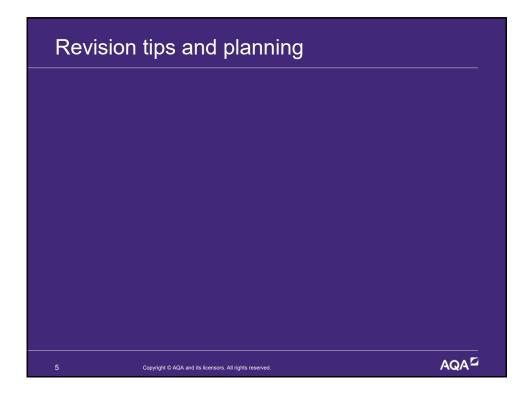


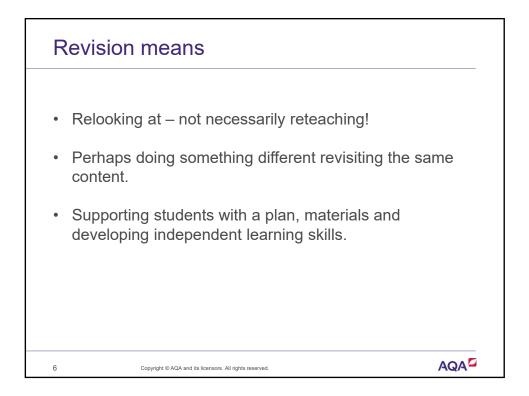


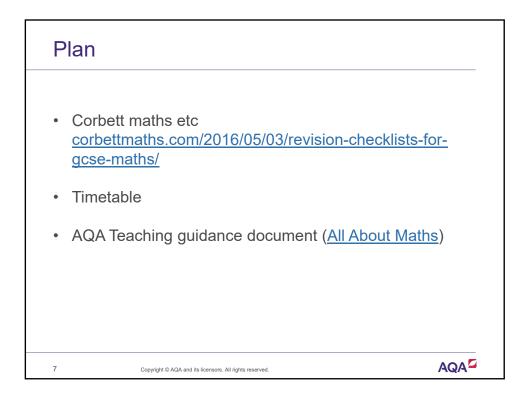


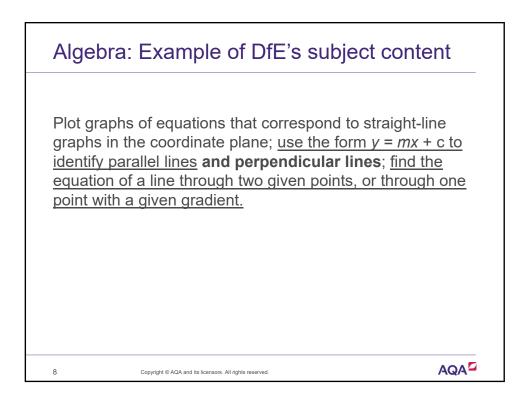


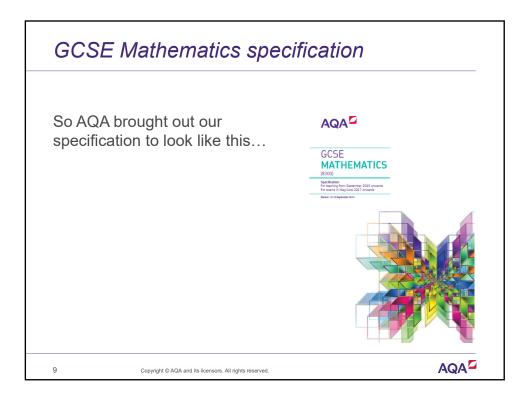


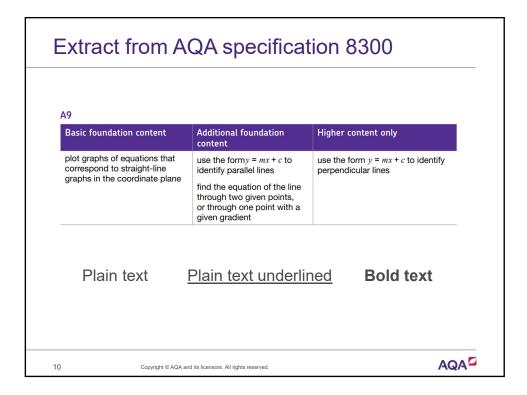


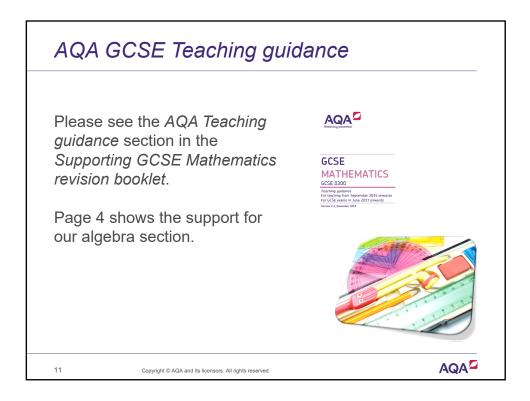


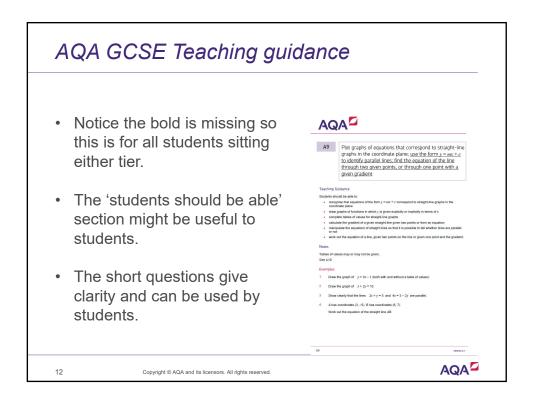


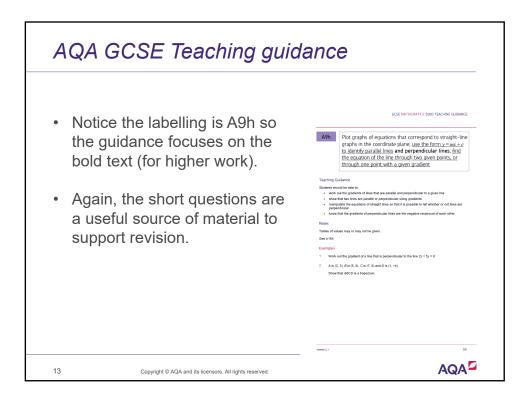


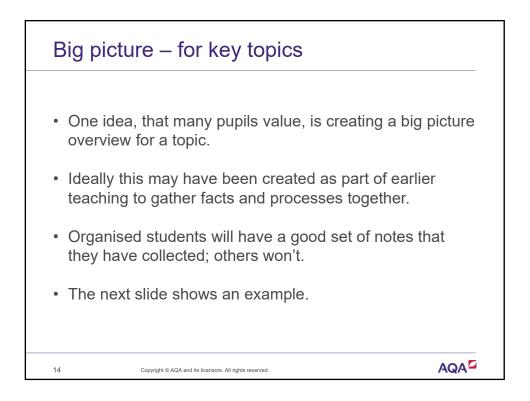


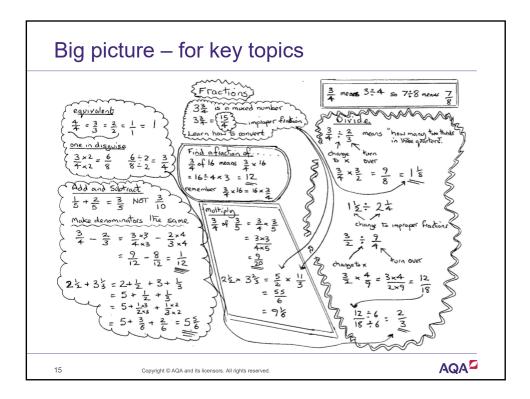


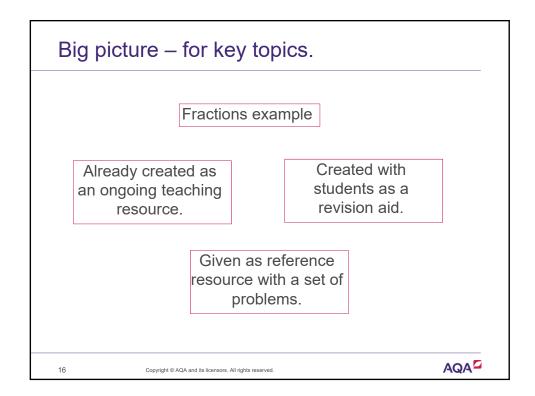


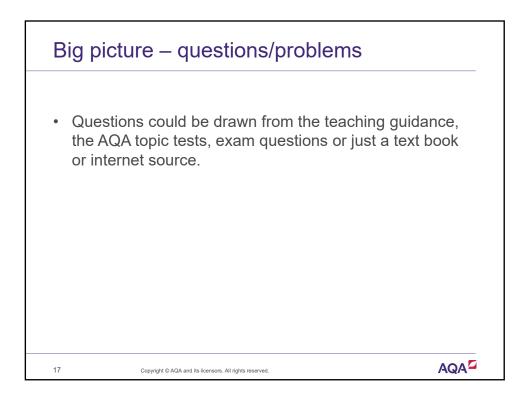




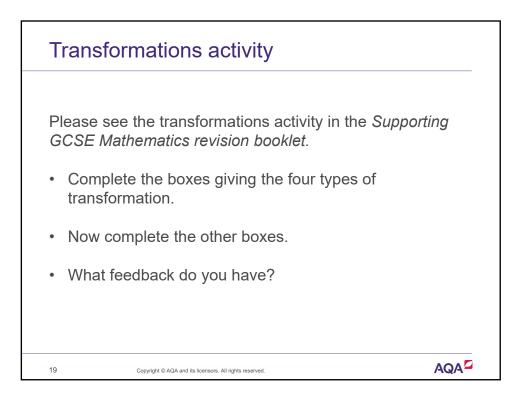


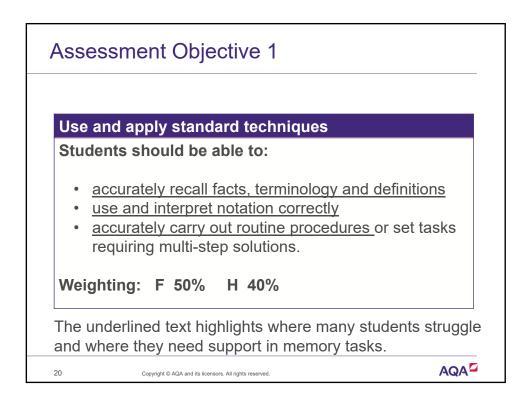


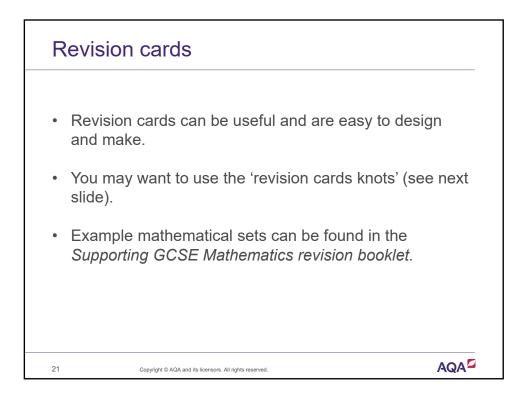


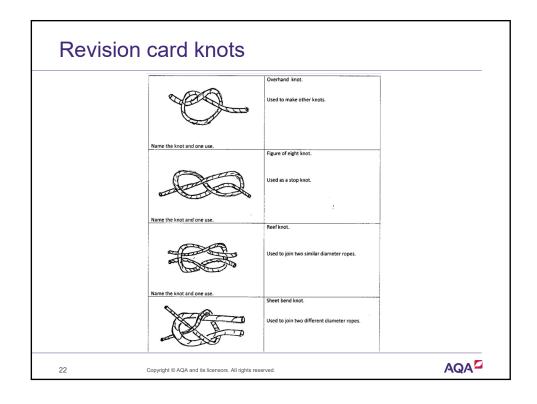


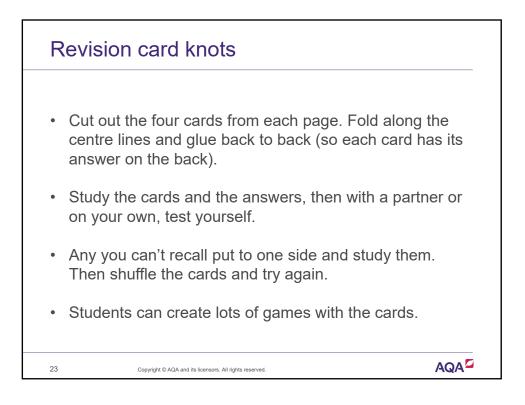
Fractions problems				
	Fractions.			
Please see the Supporting GCSE Mathematics revision booklet.	1. Show how you would work out $\frac{2}{3}$ of an hour. 2. A plastic supermarket container holds $2\frac{1}{4}$ litres of milk. If one litre of milk is $1\frac{3}{4}$ pints. how many pints of milk are in the container? 3. John says $\frac{1}{3}$ of an hour plus $\frac{1}{2}$ of an hour plus $\frac{1}{6}$ of an hour, is 56 minutes. Show why he is wrong. 4. A kitten weighs $\frac{5}{8}kg$. If it increases its weight by $\frac{1}{5}kg$ each week. How much will the kitten weigh in 3 weeks' time?			
	5. I want to cut a piece of wood $4\frac{1}{2}$ metres long into lenghts each $\frac{3}{4}$ of a metre long? How many lengths can be cut? 6. Put these fractions in order, smallest first $\frac{1}{2}, \frac{4}{5}, \frac{2}{4}, \frac{2}{9}$.			
	7. An athlete weighed $14\frac{1}{2}$ stones before training for a marathon. After training she lost $1\frac{1}{7}$ stones. How much did she weigh after training?			
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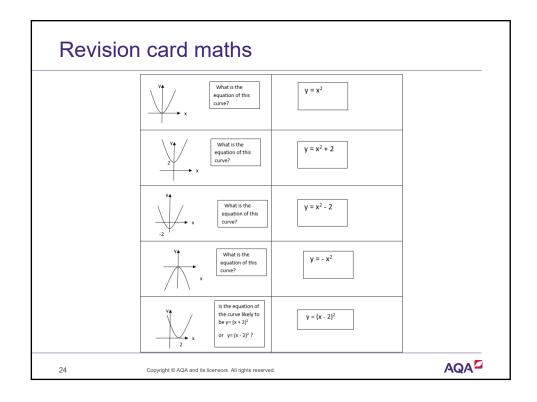


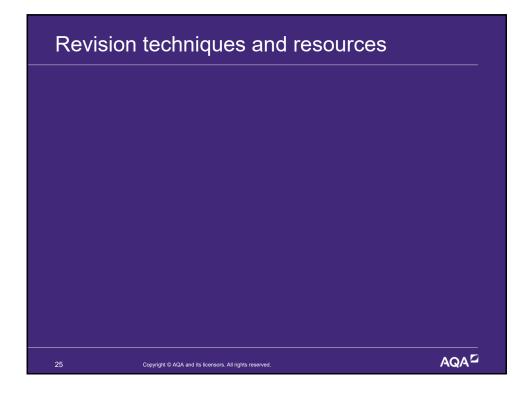


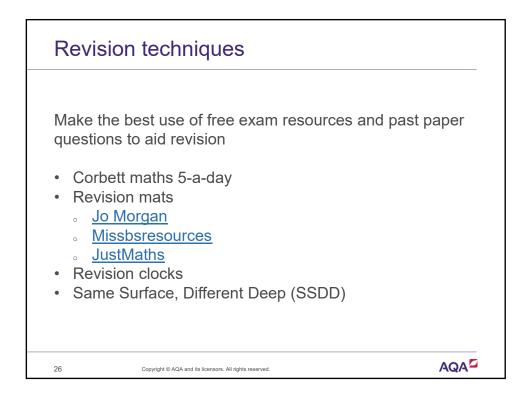




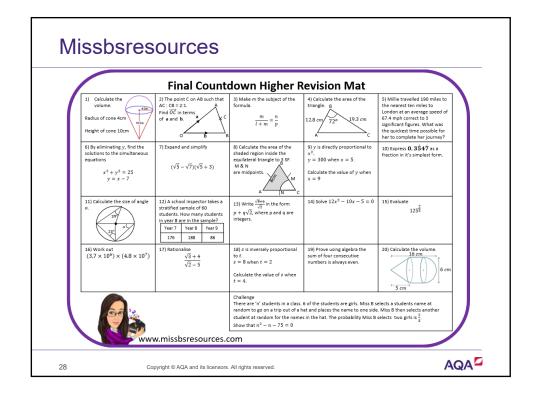


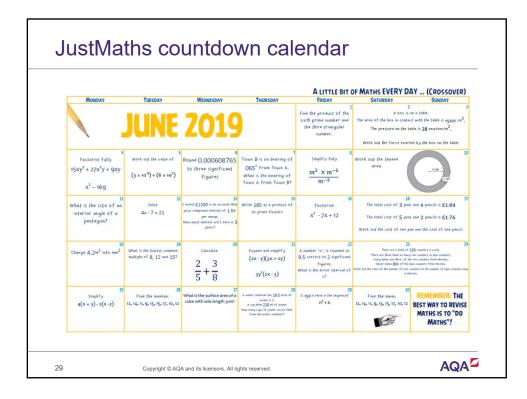


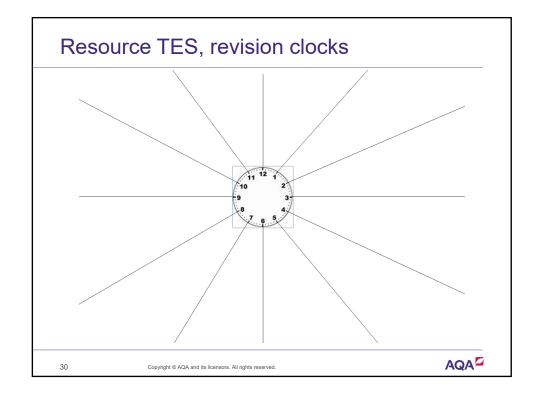


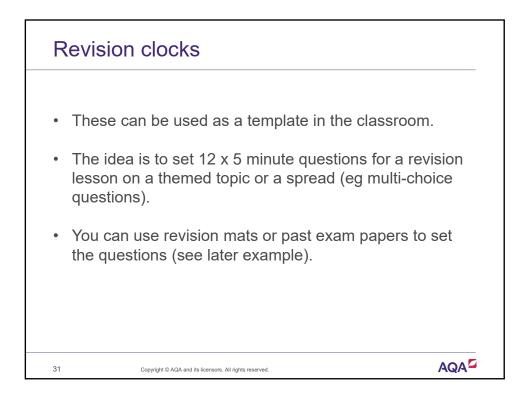


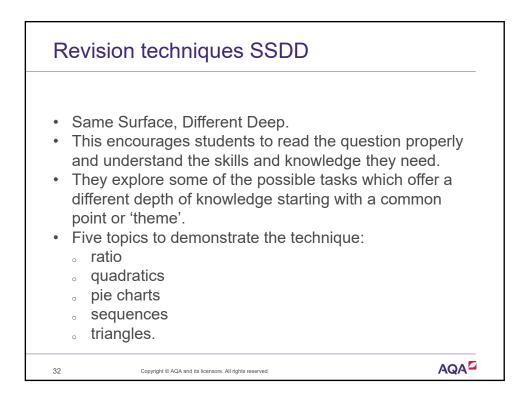
oundation Maths GCSE: Breakfast Warm Up 1			Calculator	
Write $\frac{14}{50}$ as a percentage	$\frac{0.85 \times 21}{0.5^2}$	Maddie leaves home at 8.18am. She arrives at a work at 9.41am. How many minutes was her journey?	List the first five prime numbers	Write $\frac{2}{5}$ as a decimal
Find 57% of £124	12cm	Find $\frac{3}{8}$ of 40	How many centimetres are in 75 metres?	Write $5\frac{1}{4}$ as an improper fraction
You can buy 10 pencils for 80p.	Work out the area.	The probability that Mark	A car increases its speed from	Expand
You can buy to pencils for sup. How much will it cost to buy 15 pencils?	Solice 4X + 7 = 32	passes his driving test is 0.75. What is the probability that Mark does not pass his driving test?	A car increases its speed from 50 mph to 80 mph. Work out the percentage increase.	$4x^2(2x+3)$
A fair dice is rolled 60 times. How many times would you expect to roll a six?	Catherine's salary is £36,000. She gets a 12% pay rise. What's her new salary?	A cup of coffee costs £1.20. A cup of tea costs £1.15. I buy two cups of coffee and four cups of tea. How much change should 1 get from a £10 note?	Find the area of a circle with radius 5cm.	Find the value of y when x = 2 $y = x^2 + 5x - 6$

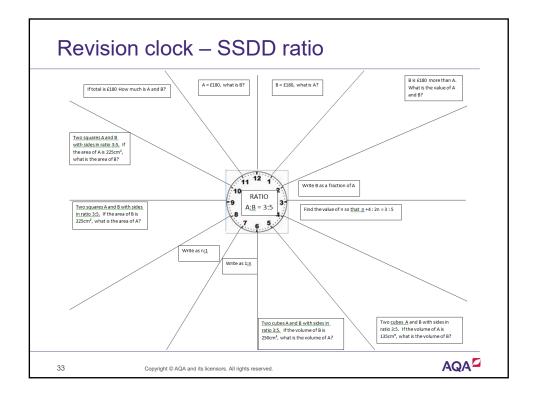


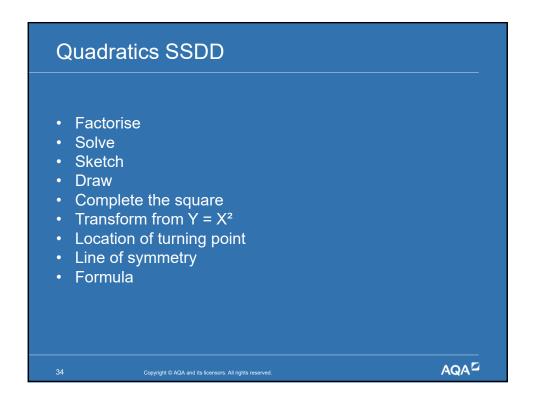




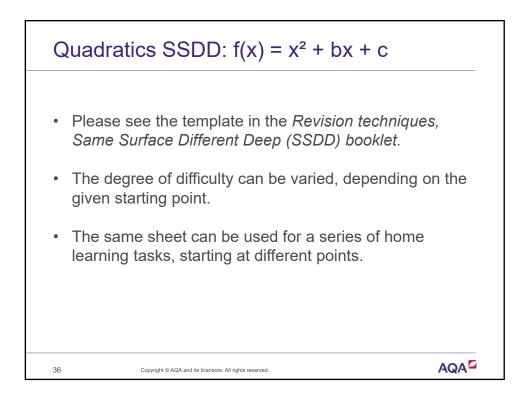


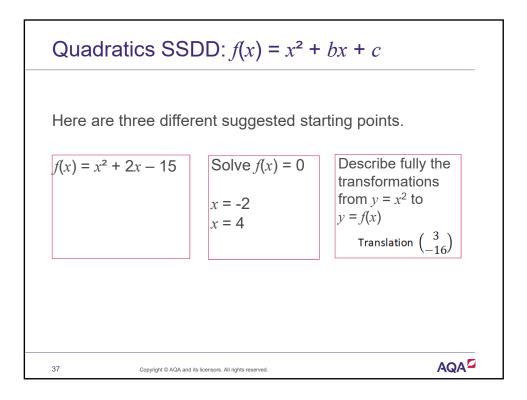


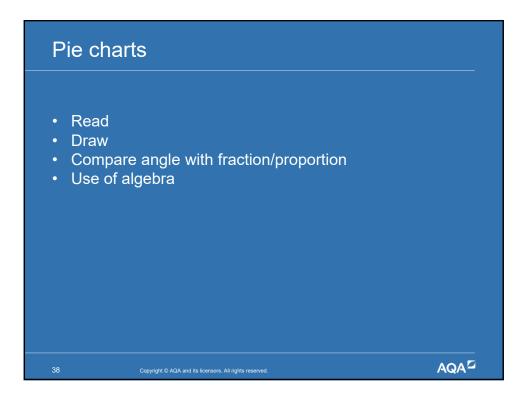


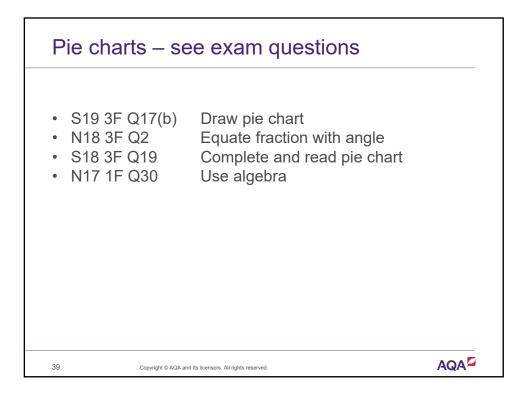


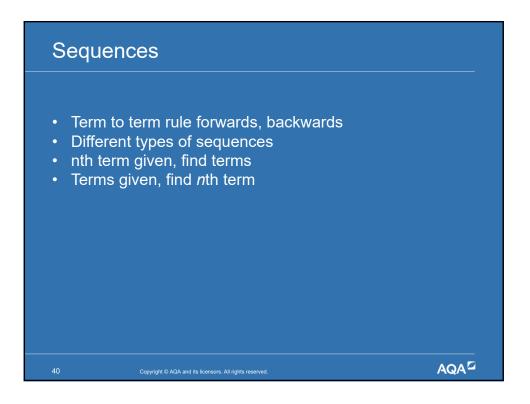
	Find f(x+3)	Complete the square $f(x)=(x-a)^2 + b$	Complete a table of values for $-4 \le x \le 4$
f(x) =			
- - - - - - - - - -	Founding of the line	Describe fully the	State the coordinates
Factorise f(x)	Equation of the line of symmetry?	,	of the minimum point.
Solve $f(x) = 0$	Find f(-6)	Sketch Y = f(x)	Use the formula to
X		Î	solve $f(x) = 0$
X = X =		\longrightarrow	

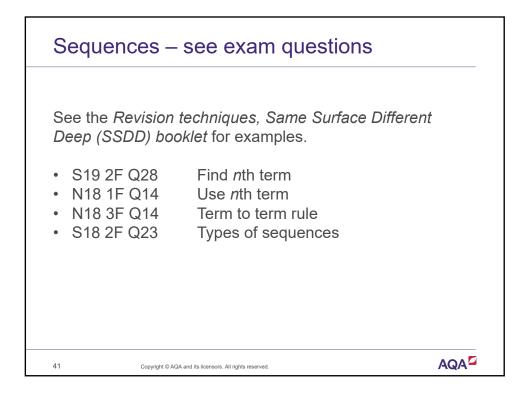


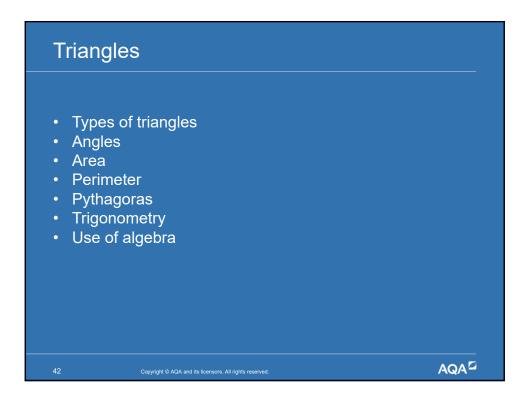


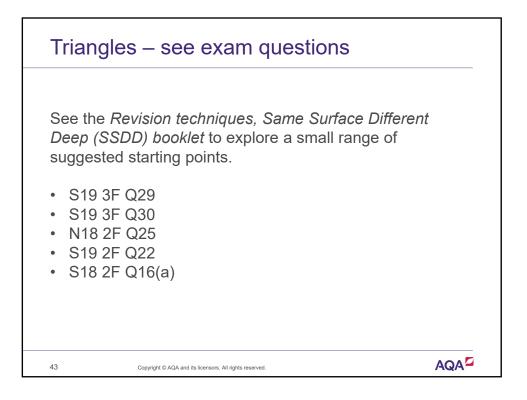


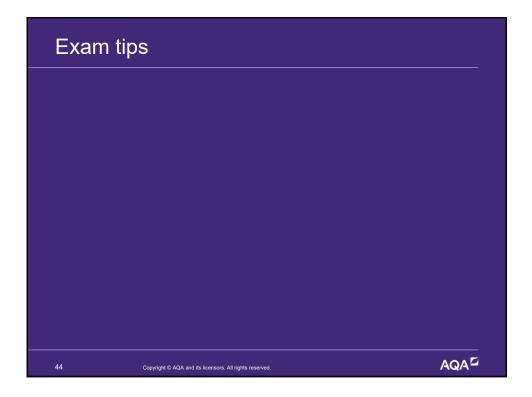


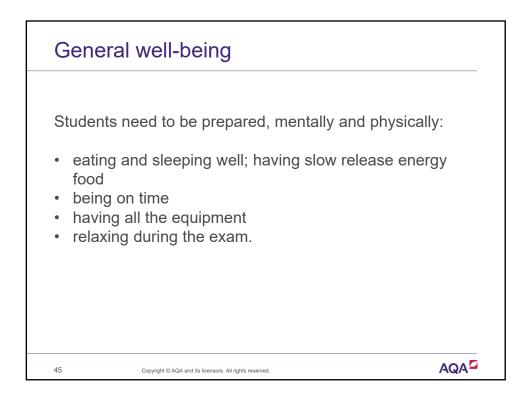


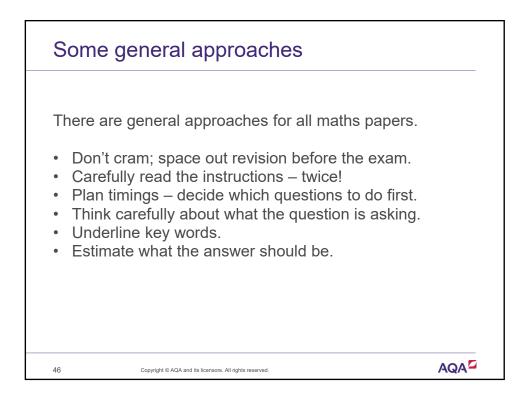


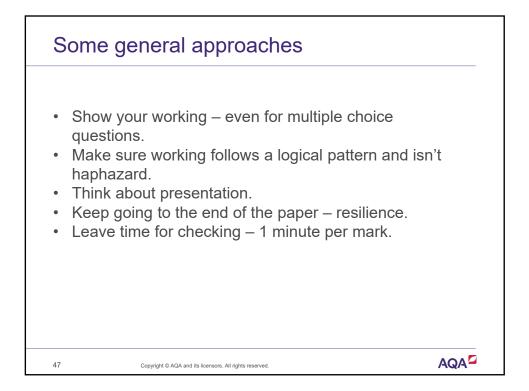


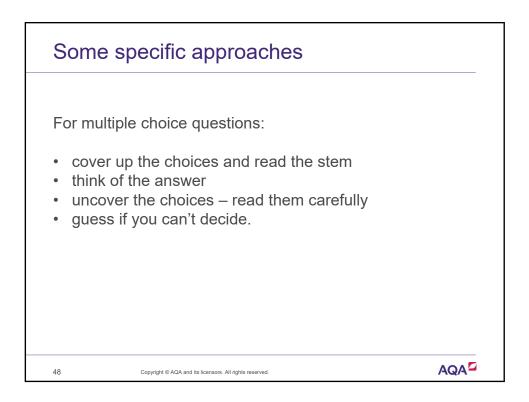


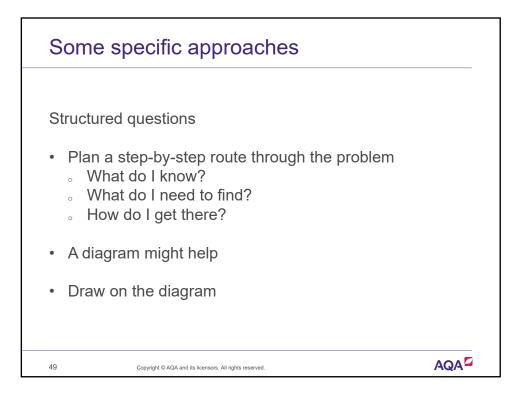


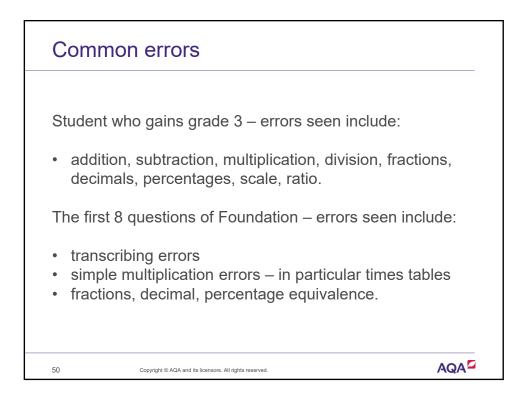


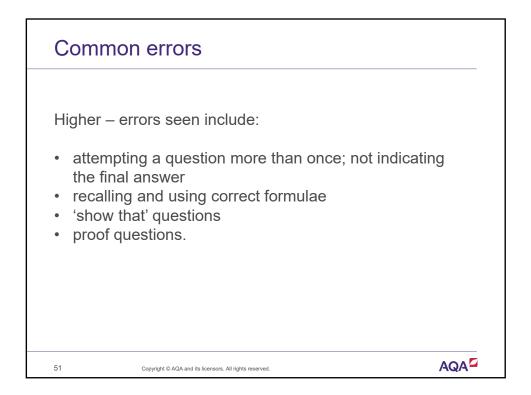


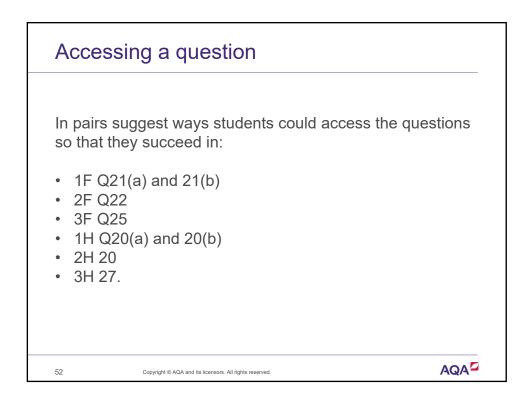


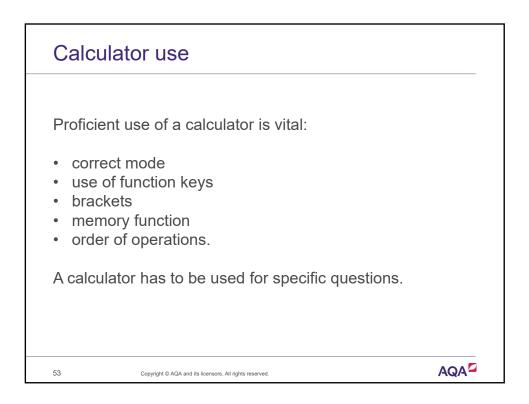




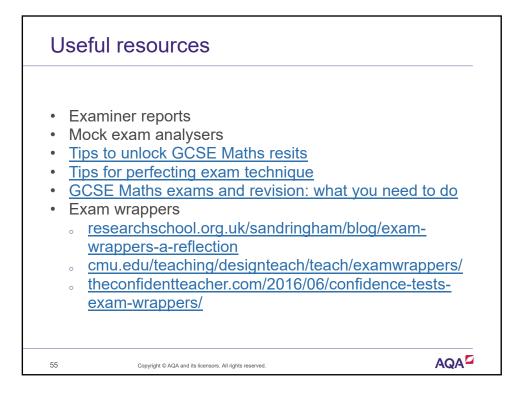




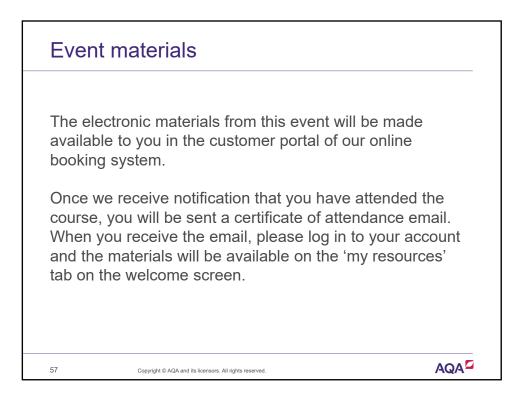


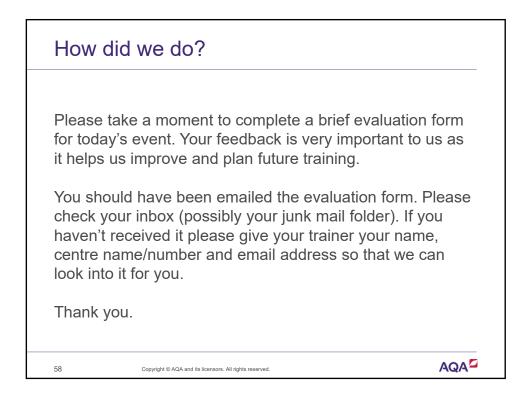


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