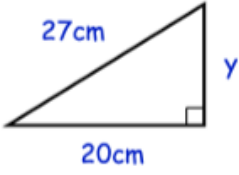


Week 2: 'Beat the forgetting curve'

Questions	Answers
English: In which act does Lady Macbeth say 'unsex me here'? Bonus: which scene?	Act One Scene Five
English: In which stave does Scrooge see his own death?	Stave Four
English: In 'An Inspector Calls', what's the name of the Inspector, and how do you spell it?	Inspector Goole
English: Which poem was written by Charles Causley?	Eden Rock
English: Identify the verbs in this sentence: "I will run tomorrow."	Dynamic verb: run Modal verb: will
Maths: In a school canteen, a cup of tea costs 80p. Write down an expression for the cost, in pence, of y cups of tea.	$80y$ (in pence) or $0.8y$ (in pounds)
Maths: £640 is shared between John, Elias and Parker in the ratio 1:3:4 How much do they each receive?	$1+3+4 = 8$ $£640 \div 8 = £80$ $1 \times £80 = £80$, $3 \times £80 = £240$ and $4 \times £80 = £320$
 <p>Maths:</p>	Pythagoras' Theorem 1. Square sides: $27^2 = 729$, $20^2 = 400$ 2. Subtract (shorter side) = $729 - 400 = 329$ 3. Square root: $\sqrt{329} = 18.1$ cm (to 1 d.p.)
Maths: A clothes shop normally sells their goods at 80% above cost price. In a sale, the shop reduces the prices by 25%. What percentage profit does the shop make on clothes sold in the sale?	80% increase = 1.8 (as a decimal) 25% reduction = 0.75 $100 \times 1.8 \times 0.75 = 135$ So, 35% profit
Maths: Factorise $4y^2 - 9w^2$	Difference of 2 squares: $(2y + 3w)(2y - 3w)$
Science: What is an enzyme?	A biological catalyst which increases the rate of a reaction.
Science: Why is the left ventricle more muscular than the right?	It must pump the blood around the entire body.
Science: What type of bonding is between two non metals?	Covalent
Science: What type of bonding is between a metal and non metal?	Ionic
Science: What is the law of conservation of energy?	Energy cannot be created or destroyed, but

	transferred from one store to another.
History: In what formation were trenches dug?	zigzag
History: What is the land between both the frontlines called?	No mans land
History: Which WW1 battle had the highest casualty rates?	The Somme
History: What is the term for the removal of injured soldiers to the appropriate medical care facility in the Western Front?	Chain of evacuation
History: In which battle was there a large scale attack by tanks?	Battle of Cambrai
Spanish: How do you say 'I went to' in Spanish?	Fui a...
Spanish: How do you say 'it was' in Spanish?	Fue
Spanish: How do you say 'I am called' in Spanish?	Me llamo
Spanish: How do you pronounce ll (double l) in Spanish?	Y (e.g. me llamo is meh yamo)
Spanish: How do you pronounce h in Spanish?	You don't, the letter h is silent (e.g. honest - honesto)