KS3 Unit 7 Positive and Negative Numbers

Topic/Skill	Definition/Tips	Example
1. Negative Number	A number that is **less than zero**. Can be decimals.	$-8, -2.5$
2. Addition	To find the **total**, or **sum**, of two or more numbers. Use a number line for help. If you add a negative it is the same as subtracting.	$-3 + 2 = -1$ $5 + -3 = 2$
3. Subtraction	To find the **difference** between two numbers. To find out how many are left when some are taken away. If you subtract a negative it is the same as adding.	$-10 - 3 = -13$ $6 - -5 = 11$
4. Multiplication	Can be thought of as **repeated addition**. 'multiply', 'times', 'product' Positive times a negative is negative Negative times a negative is positive	$3 \times 6 = 6 + 6 + 6 = 18$ $4 \times -5 = -20$ $-8 \times -3 = 24$
5. Division	Splitting into equal parts or groups. The process of calculating the **number of times one number is contained within another one**. 'divide', 'share' Positive divided by a negative or vice versa is negative Negative divided by a negative is positive	$20 \div 4 = 5$ $\dfrac{20}{4} = 5$ $-25 \div 5 = -5$ $12 \div -4 = -3$ $-8 \div -4 = 2$