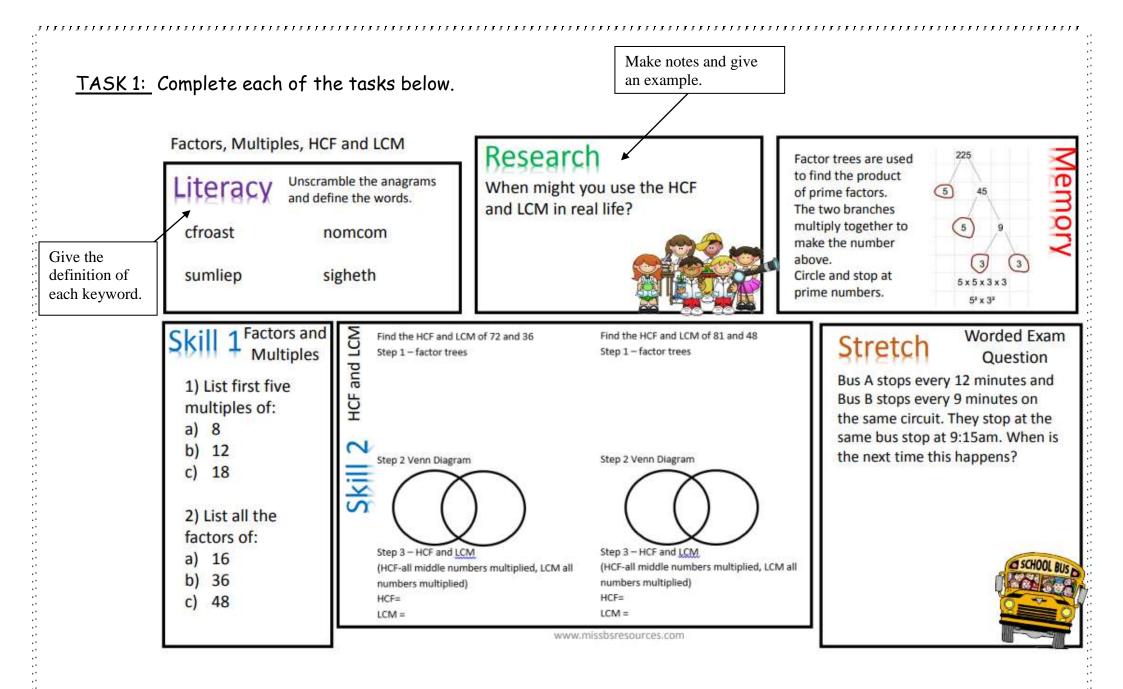
Tenbury	High Ormiston Academy Maths Department
Stage	8 Home Learning project. Autumn term 1
Name:	
Teacher:	
	Deadlines
Task 1:	
Task 3:	
	any of the tasks then please ask your class teacher or pop along to homework Thursday lunchtimes in room 23.



#### Task 2: Directed number challenge

# directed numbers puzzle

Use these clues to work out the numbers in the grid.

#### Clues

- 1. The number in the centre equals 5 3
- The number that goes in the top right box is 5 less than -5
- 3. The number in the bottom left is  $-3 \times -3$
- The number in the top left is the number in the centre add −3 × −1
- The number in the middle of the bottom row is 6 less than the number above it.
- 6. There is a number 6 in one of the middle row boxes.
- There is a number equal to −4 × −5 next to the box containing −5
- 8. When you add up the right hand column you get -27
- 9. The number below -5 is -6 10

## Task 3: Computer based homework task

Using <u>www.corbettmaths.com</u> watch the following videos and answer the questions set in your homework book. You <u>must show all of your working out.</u>

## Video 112 Order of operations

Green	Amber	Red	Killer
Textbook exercise	Textbook exercise	Textbook exercise	Textbook exercise
Q1	Q2	Q2 and Q3	Q3 and Q4
Apply questions 1-3	Apply questions 1-3	Apply questions 1-5	Apply questions 1-5

#### Task 4: UKMT maths challenge task

This task will be given to you in class. You must show all your working out for each of the problems.