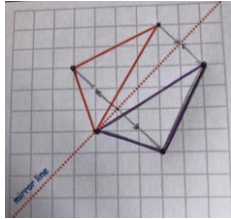| YEAR 6	WEEK 5	THEME: ENVIRONMENT	Date: Monday 4th May

MATHS- Choose one

Bronze
1. 122
2. 27 (Clue 3 x 3 x 3)
3. 25,30,55 (Clue: last digit is 5 or 0)
4. 7 (Read the y axis for column marked farm)
5. 27 (Total each bar: 4+11+7+5)

Gold:
1. 1280 (Move number 2 places to left for x100)
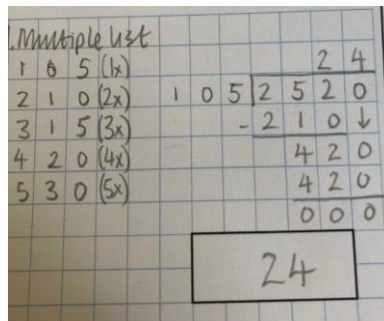2. 2916 (9000-252= 8748 8748 ÷3 use bus stop)
3. Right angled and isosceles

4. Clue: Find each of the 3 vertices in the red triangle and work out how far from the mirror line they are. Make sure this pathway is at right angles (perpendicular) to the mirror line. Plot the new shape the same distance away
5. -180 Clue: multiply 150 x 2 then 8 x -60) Remember that positive x negative = negative so you should have 300 points for incorrect and -480 for incorrect. Add 300 to -480.
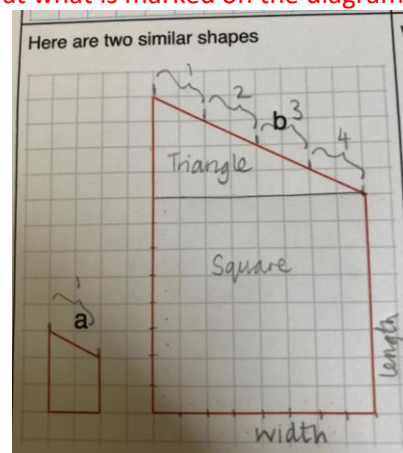
Silver
1. $\frac{2}{12}$
2. 5759 (could be done mentally- subtract 1, then 300)
3. 210, 300, 390 (Clue: use knowledge of multiples of 10 and the 3x table)
4. 53 L= 50, I=1 Roman Numeral knowledge
5. 272+ 528 (Clue: Start with considering what single digit has to be added to 2 to make the digit you enter 0)

Platinum

1. 24
2. 69.36
3. Ratio of a:b =1:4 – Clue: look at what is marked on the diagram)

4. 80 squares (no units specified) (Clue: split shape in to a square and triangle. Area of square 8 x 8 =64 and area of triangle = width x height divided by 2 so (8 x 4) ÷2 = 16. Now add together the area of the square and triangle)
5. £3.84 Clue: Add the cost of the cinema ticket and drink. Find $\frac{2}{5}$ by dividing this total by 5 (use bus stop and remember what to keep decimal in line) then multiplying by 2 which is £2.56. This is what he spent so you need to subtract this from £6.40 to get the answer.