YEAR 5
WEEK 20 HOMEWORK

Name: _____

Hand in date: _____

Section A: Comprehension

Read the following passage and then answer the questions that follow in full sentences.

Colliers coming off the day shift were straggling up Pit Lane towards the main road and the afternoon sun, walking all the way in the shadow of the pit hills. They sprawled everywhere, these hills, a restless black tide swirling across the green fields, over bush and hedgerow, possessing the earth. Fires were smoking on the tipping end and a horse
5 was toiling up the incline with a tram full of dirt crawling behind it like a tiny fat beetle. The old hills, no longer used, were turning grey and their sides were cracked wide open and dotted with patches of weeds which would soon be flowering into tall red willowherb and yellow ragwort daisies, an incongruous gaiety in that desolate land.

William Slater, a young man in his early twenties, was one of the last up from the pit
10 bottom. The cage could not hurtle up fast enough for him and the moment it reached the surface and the bar was up, he hurried out, blackfaced and frowning, screwing up his eyes against the sun. He went straight over to the lamphouse, his coat slapping against his hips with the weight of his tin and bottle, then fairly raced down to the lane as if some black devil of the pit had followed him up the shaft and was reaching out and fingering
15 his back.

Halfway up the lane he broke a twig from the hedge and bit off the tiny buds one by one. He sucked the dust off them and spat it out, then rolled and unrolled their leaves between his tongue and teeth and chewed them slowly, relishing their freshness, trying to rid his mouth of the harshness of coal dust. But the smell of the pit was in his
20 nostrils and he could not lose it: the sharp tarry smell of coal, sweat which had dried cold all over him and smoke pouring down from one of the burning hills. It possessed him utterly, a weariness of mind and body.

He passed several of his mates on the lane. One or two nodded to him and he inclined his head mechanically without bothering to recognise them. In their pit dirt they
25 had lost their individuality. They were no more than a ragged line of old black moles still blinking in the sunlight; a symbol of his bondage. When he turned onto the main road and headed towards the town he slackened his pace, for in front of him was a quiet road edged here and there with rows of old cottages, some with thatched rooves and gardens bright with early forsythia, and behind them the fields climbed to lonely ridges where
30 peewits swirled and zigzagged and called to one another. Less than a mile ahead, the town rose abruptly astride a high conical hill, dominating the countryside. It looked clean and sunny, almost a mirage, withdrawing its skirts up the hillside away from the desolation in the valley.

It was always a quiet road. Now and again a car would come chugging along with the
35 driver perched high or a pony and trap would jog in from the farms out on the ridges but
they were few and far between. William loved every inch of it when he was striding
homeward, but only then for he was blind to its beauty when he was going to work. He
was blind to everything but the pits crouching behind their bare hills and in spite of
himself his eyes were drawn to the headwheels spinning against the sky like some mad
40 vortex that drew him on and on to the edge of darkness.

From *Out of Darkness* by E. G. Thorpe

Questions

1) Where did the men work?

_____

_____

(1 mark)

2) Why did William Slater screw "up his eyes against the sun" (line 11)?

_____

_____

_____

(2 marks)

3) Why could William Slater smell coal so strongly on Pit Lane?

_____

_____

_____

(2 marks)

4) How were the pit hills like a "restless black tide" (line 3)?

_____

_____

_____

(2 marks)

5) Why did William break off a twig from the hedge?

_____

_____

_____

(2 marks)

6) Why was the town "almost a mirage" (line 32)?

_____

_____

_____

(2 marks)

7) What was William Slater's attitude towards his co-workers? Give evidence to support your answer.

_____

_____

_____

_____

(3 marks)

8) Compare and contrast William Slater's feelings towards his job and to the town and countryside. Give evidence to support your points.

_____

_____

_____

_____

_____

_____

_____

(4 marks)

9) What do you think "peewits" (line 30) are and why?

_____

_____

_____

(2 marks)

10) Explain the meaning of the following words, **as they are used in the passage:**

(a) straggling (line 1) _____

(b) toiling (line 5) _____

(c) weariness (line 22) _____

(d) slackened (line 27) _____

(e) desolation (line 33) _____

(5 marks)

Total: 25 Marks

Section B: Composition

Choose one of the following tasks. Marks will be awarded for correct spelling, punctuation and grammar as well as creative, imaginative and exciting use of vocabulary. You do not necessarily need to use all the lines.
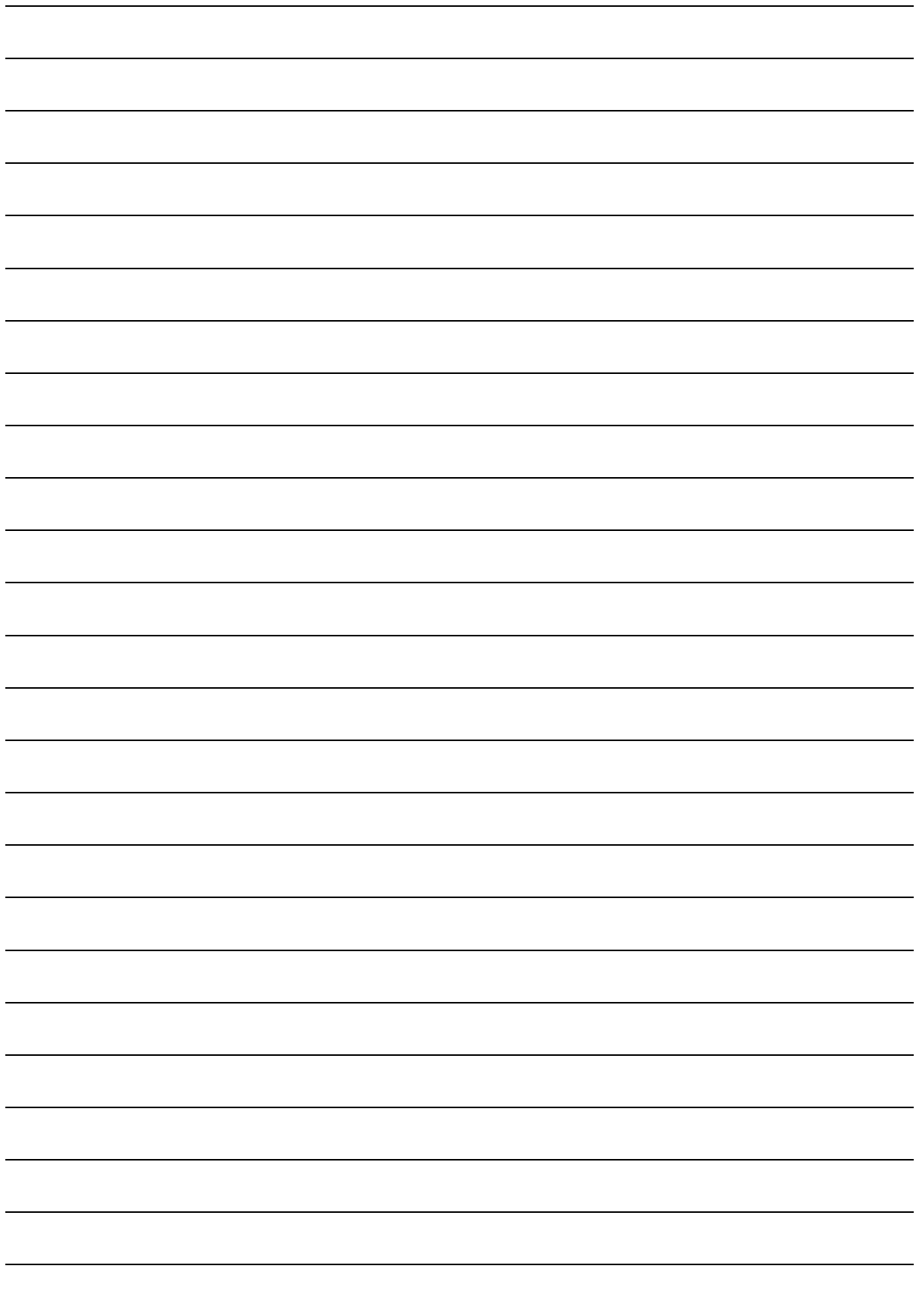
EITHER

1) Write a story entitled 'The worst day of my life'.

   OR

2) Use the title 'The Darkness' to produce an interesting piece of creative writing.

   Question Number : _____

   _____

   _____

   _____

   _____

   _____

   _____

   _____

   _____

   _____

   _____

   _____

   _____

   _____

   _____

   _____

   _____

Work out the answers to the following sums.

1) 784 x 45 =

_____

2) 1344 ÷ 56 =

_____

3) How many hours are there between 11am on 27th October and 4pm on 3rd November?

_____

4) Write down the missing numbers in these sequences:

(a) 7, 8, 16, 43, 107, _____, _____

(b) -34, _____, -21, -16, -12, _____

(c) 8.95, 8.98, _____, 9.04, _____, 9.1

5) 6 video games cost £24.72.
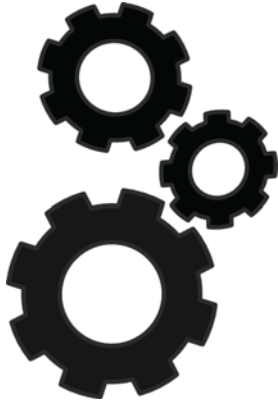   How many video games can I buy with £16.45?

   _____

6) What is the difference between the smallest and largest numbers in this list?

   6.093   6.903   6.095   6.099   6.039   6.49

   _____

7) Jane went to visit her grandmother by train.
   She arrived at the station at 13.33.
   Her train was due to leave at 13.47 but it was 29 minutes late.
   For how long did Jane have to wait at the station?

   _____

8) A bag contains ⅝ lemons, ⅙ pears and the rest are oranges.
   There are 15 oranges in the bag.
   How many pieces of fruit are there in the bag?

   _____

9) Three cogs are turning together.
Cog A turns 3 times when Cog B turns 7 times.
Cog C turns 6 times when Cog B turns 3 times.
How many times does Cog C turn when Cog A turns 6 times?

_____

10) A 2 litre jug that is ⅘ full is used to fill 7 cups that hold 150 ml each.
How much liquid is left in the jug?
Give your answer in litres.

_____

11) A bus started its journey with 17 passengers.
At the first stop, some people got off and 7 people got on.
At the second stop, 4 people got off and 9 people got on.
There were then 27 people on the bus.
How many people got off on the first stop?

_____

12) A square has a perimeter of 12 cm.

(a) What is the area of the square?

_____

(b) I place five of these squares side by side to form a rectangle.
    What is the perimeter of the rectangle?

_____

13) Two teams played a football match. The home team won the match by 2 goals to 1.
    How many different possible half-time scores were there?

_____

14) A family go on holiday with their dogs.
    There are 2 times as many people as dogs.
    The total number of legs is 32.
    How many dogs are there?

_____

15) Fill in the missing numbers in this multiplication sum.

$$
\begin{array}{r}
4\,\square\,\square \\
\times \qquad 6 \\
\hline
\square\,7\,\square\,4 \\
\end{array}
$$

16) I divide 13 by x and get a remainder of 3.
x is a whole number.
What is one possible value of x?

_____

17) In an ant colony, 690 ants die in four days.
Each night, 35 more ants die than the night before.
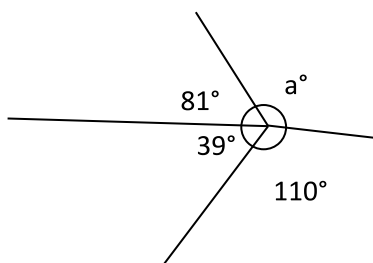How many ants died on the third night?

_____

18) There are 28 frogs in a pond. Each frog is either green or yellow. Each frog is either large or small.
There are 7 small green frogs. There are 12 green frogs altogether. There are 15 large frogs altogether.
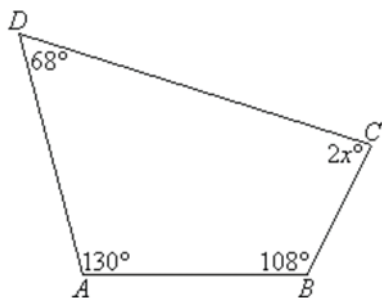How many small yellow frogs are there in the pond?

_____

19) Calculate the size of the missing angle in each of the following questions.
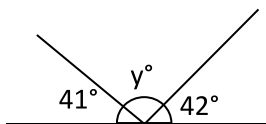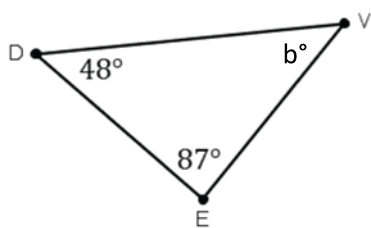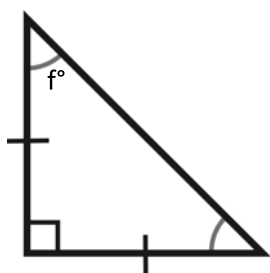The diagrams are NOT drawn to scale.

(a)

81°
a°
39°
110°

a = _____

(b)

D
68°
2x° C
130°
A
108°
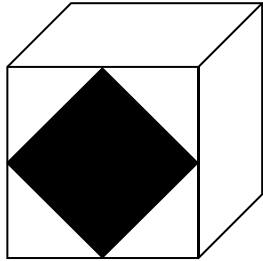B

x = _____

(c)

y°
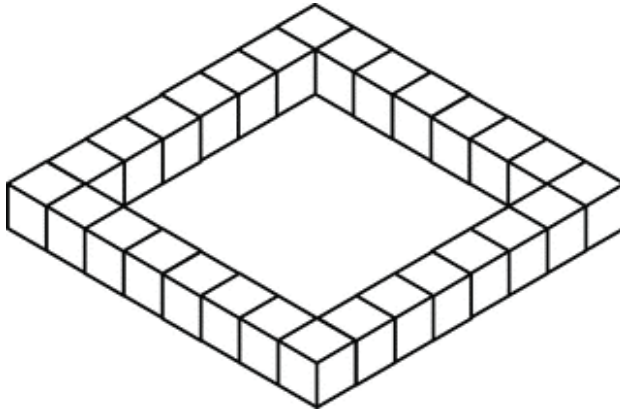41°   42°

y = _____

(d)

D
48°
V
b°
87°
E

b = _____

(e)

f°

f = _____

20) Jess paints a black diamond on one face of a white cube.
The diamond covers ½ the area of one face of the cube.
What fraction of the outside of the cube is black?

_____

21) JKLM is a four-digit number.
The first digit is ⅓ of the last digit.
The second digit is 2 less than the first digit.
The third digit is the average of the first and last digit.
None of the digits are 0.
What is the number?

_____

22) I have 5 coins in my pocket that add up to 45p.
How many different combinations of coins are possible?

_____

23) This shape is made from identical cubes.
    The length of one side of the shape is 24 cm.
    What is the volume of the shape?

_____

24) 72 lions eat 24 kg of meat in 4 days.

(a) How much meat do 12 lions eat in 8 days?

_____

(b) How many lions eat 36 kg of meat in 2 days?

_____

(c) How many days does it take 36 lions to eat 12 kg of meat?

_____

25) Bob wants to put his footballs into boxes.
If he uses big boxes, he can put 7 footballs in each box with 4 footballs left over.
If he uses small boxes, he can put 5 footballs in each box with 4 footballs left over.

What is the smallest number of footballs that Bob could own?

_____

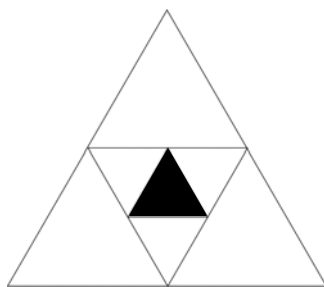26) 4 Teps, 3 Tips and 4 Tops cost 78p altogether.
A Tep costs half as much as Tip and a Top costs twice as much as a Tip.
How much does a Tip cost?

_____

27) Shape A is an equilateral triangle with an area of 320 cm^2.
The shaded part of Shape A forms a smaller equilateral triangle.
What is the area of the shaded part?

Shape A

_____

28) A number of dogs stand in a circle. They are evenly spaced from each other. The 5th dog is directly opposite the 18th dog. How many dogs are there in the circle?

_____

29) 3 bananas and 2 oranges weigh 105 g.
4 bananas and 3 oranges weigh 145 g.
All the oranges weigh the same as each other and all the bananas weigh the same as each other.
How much do 2 bananas and 6 oranges weigh?

_____

NOW GO BACK AND CHECK ALL YOUR ANSWERS

HOMEWORK ENGLISH

Answers must be written in full sentences.

Section A: Comprehension

1) in a colliery, coal-mine, pit
2) he had been underground in the darkness all day and his eyes were not accustomed to sunlight.
3) because there was coal-dust in his clothes and smoke all around the colliery
4) they kept growing and expanding like a restive black sea spreading across the hills
5) to chew the buds to try and clean and freshen his dusty mouth
6) it was clean and sunny and looked unreal beside the dark and dull mining valley
7) dismissive "inclined his head mechanically", critical "lost their individuality"
8) negative feelings towards job and positive feelings towards town and countryside.
   Answer must be balanced and address both feelings, must be supported with relevant evidence from the text.
9) birds, "swirling…zigzagged" suggests bird-like movements, "called out" shows they were living creatures
10)
(a) moving in a slow and disorganised fashion
(b) working hard and incessantly
(c) tiredness, fatigue
(d) reduced/decreased speed, slowed
(e) gloominess, misery, woe, destruction

HOMEWORK
MATHS

1)	35,280	2 marks
2)	24	2 marks
3)	173 hours	3 marks
4)		
(a)	232, 448	2 marks
(b)	-27, -9	2 marks
(c)	9.01, 9.07	2 marks
5)	3	3 marks
6)	0.864	3 marks
7)	43 minutes	2 marks
8)	72	3 marks
9)	28	3 marks
10)	0.55 litres	3 marks
11)	2	3 marks
12)		
(a)	9 cm^2	2 marks
(b)	36 cm	3 marks
13)	6	3 marks
14)	4	3 marks

15)

```
    4 5 9              4 5 4
×         6    or   ×         6
  2 7 5 4            2 7 2 4
```
3 marks

16)	5 *or* 10	2 marks
17)	190	3 marks
18)	6	3 marks
19)		
(a)	130°	2 marks
(b)	27°	2 marks
(c)	97°	2 marks
(d)	45°	2 marks
(e)	45°	2 marks
20)	1/12	3 marks
21)	3169	3 marks
22)	3	2 marks
23)	756 cm^3	
24)		
(a)	8 kg	3 marks
(b)	216 lions	3 marks
(c)	4 days	3 marks
25)	39 footballs	3 marks
26)	6p	3 marks
27)	20 cm^2	3 marks
28)	26 dogs	3 marks
29)	140 g	3 marks
		3 marks
	Total	**100 marks**