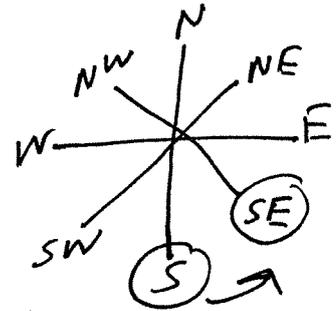


1

A hiker is facing South. They turn 45° anticlockwise.

What direction are they now facing?



A South East

B East

C West

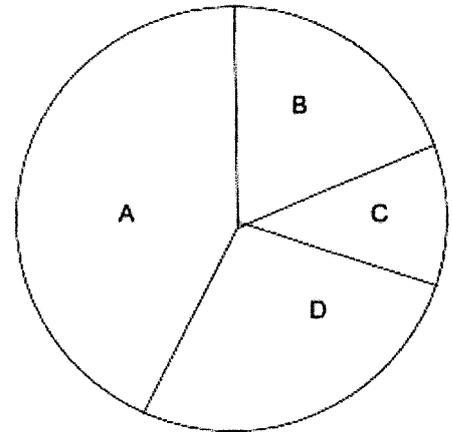
D North West

E South West

2

A teacher is carrying out a survey about healthy eating in school. She asks 15 pupils to choose the fruit they like best. Their choices are shown in the table below.

Fruit	Number of children	Section of Pie Chart
banana	3	
apple	6	
orange	2	
pear	4	



What percentage of children picked banana?

A 10%

B 20%

C 30%

D 40%

E 50%

$$\frac{3}{15} \div 3 = \frac{1}{5}$$

$$\frac{1}{5} = \frac{2}{10}$$

3

Look at the calculations below.

- A. $123 \div 10 = \underline{12.3}$
 B. $6.94 \times 10 = \underline{69.4}$
 C. $235 \div 100 = \underline{2.35}$
 D. $0.270 \cdot 1000 = \underline{270}$
 E. $3.200 \cdot 1000 = \underline{3200}$

Which of the calculations above gives the largest answer?

- A A B B C C D D E E

4

A bus travels 0.5 kilometres. A second bus travels 8 metres further.

$\times 1000 = 500m + 8m = \underline{508m}$

How far does the second bus travel?

- A 580m B 508m C 5.08km D 5.8km E 5008m

For question 5, you have to **write your answers** in the spaces provided in the question.

5

In a diving competition a competitor must dive 10 times. Each dive is scored out of 10 marks. In the box below are the marks awarded to the competitor by one of the judges.

(2) 1-3	(8) 7-9	(6) 4-6	(4) 4-6	(9) 7-9
(7) 7-9	(5) 4-6	(4) 4-6	(9) 7-9	(3) 1-3

The frequency table below is to be used to show the marks awarded by the judge. **Complete the table by writing the correct number in the frequency section of the table.**

Score	Frequency	Total
1-3		2
4-6		4
7-9		4

Read the **whole** passage carefully, then answer the questions that follow.

Rare and Beautiful Blooms

1. One of the ^④ rarest flowering plants in the world, the Snowdonia hawkweed, grows wild
2. only in Snowdonia National Park in Northern Wales. ^① The region is rocky and
3. mountainous, and the air is cool and damp. The Snowdonia hawkweed prefers this
4. habitat. In fact, it grows nowhere else in the world. It is even picky about where it
5. grows in the park.

6. Snowdonia hawkweed is about 11 inches tall. Its bright yellow blossoms have thin
7. petals with ragged edges. The Snowdonia hawkweed may not be the most beautiful
8. plant in the world, but it is a favourite snack of sheep. ^② ~~④~~

9. In 1953, the Snowdonia hawkweed disappeared. People feared that the plant was
10. gone forever. They believed that sheep grazing on the land had eaten the last few
11. plants. So, the people who ran the park removed the sheep from the area, hoping
12. that the hawkweed might return. Forty-nine years later, a group of ^④ plant scientists
13. found the yellow flowers blooming in one spot in the park. The hawkweed had
14. returned! ^③

15. Scientists collected seeds from the plant in case it disappeared again. But since
16. 2002, the rare ^④ plant has continued to bloom in the park. ^⑤

For these questions you have to **write your answers**, neatly, in the boxes provided.

1 Look at lines 1 - 5. Where in the world does Snowdonia Hawkweed grow?

Snowdonia National Park (in Northern Wales)

2 Look at lines 6 – 8. What, according to the text, which animal enjoys the Hawkweed as a snack?

sheep

3 Which word in lines 9-14 means the same as growing?

blooming

4 Which one part of speech are the following as they appear in the passage?
rarest (line 1), beautiful (line 7), plant (line 12), rare (line 16)

adjectives

5 Which part of speech is "plant" as it appears in the passage? (line 15)

noun