

1. Look at the calculation below.

$$92.7 \times 34.6 = 3207.42$$

Use this to help you complete the calculation below.

$$9.27 \times 0.346 = \underline{\hspace{2cm}}$$

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2. In the equation below, **q** stands for a number. What is the value of **q**?

$$7 \times q = 35$$

$$q = \underline{\hspace{2cm}}$$

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3. Write the answers to the following calculations.

$$63 \times 300 = \underline{\hspace{2cm}}$$

$$600 \div 30 = \underline{\hspace{2cm}}$$

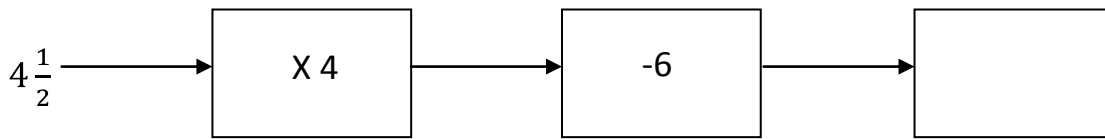
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4. What are the missing numbers from this sequence of numbers? Write the missing numbers in the spaces provided.

$$16, \underline{\hspace{1cm}}, 28, 34, \underline{\hspace{1cm}}$$

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5. Write the output of this function machine in the box provided.



Read the passage and answer the questions by ticking the correct answer.

A Late Walk

Robert Frost

When I go up through the mowing field,
The headless aftermath,
Smooth-laid like thatch with the heavy dew,
Half closes the garden path.

line 1
line 2
line 3
line 4

And when I come to the garden ground,
The whirl of sober birds
Up from the tangle of withered weeds
Is sadder than any words

line 5
line 6
line 7
line 8

A tree beside the wall stands bare,
But a leaf that lingered brown,
Disturbed, I doubt not, by my thought,
Comes softly rattling down.

line 9
line 10
line 11
line 12

I end not far from my going forth
By picking the faded blue
Of the last remaining aster flower
To carry again to you.

line 13
line 14
line 15
line 16

6. Look at **verse two** of the poem. Find the **word** which is **closest in meaning** to **dried-up**.

- ground
- whir
- tangle
- withered

7. The verb, 'lingered', in line 10 means to ...

To fall

To remain

To turned

To grow

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8. Based on your understanding of the above poem, circle the most appropriate word to complete the sentence below:

The poet is walking through a **town** **garden** **desert**.

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9. Look at **the first verse** of the poem. Find the **word** which is **closest in meaning** to **grass-cutting**. Write your answer in the space below.

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10. Look at the two statements below. Based on your reading of the poem, which one of the statements is true. Tick the correct box below.

The poem is set in early spring

The poem is set in late autumn

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11. Look at **the last verse** of the poem. What is the colour of flower that the poet picks? Write your answer in the space below.

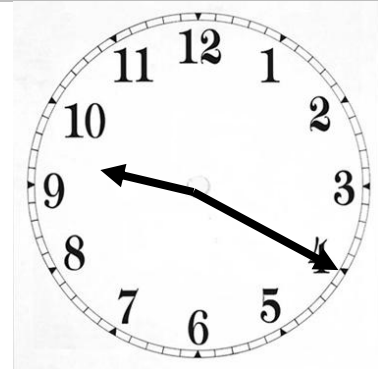
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12. Look at the list of **four nouns** below. Each noun is written in the singular form. Write the **plural form** of each of the nouns in the spaces provided. **Be careful with your spelling.** The first one has been done for you.

month	months
fish	
tooth	
snake	

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13. Louise glances at this clock as she leaves the cinema. Her film lasted **1 hr 50 mins**. At what time will did it begin? Write your answer in the space provided.



_____ pm.

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14. 1000 pens weigh 42.68 Kg. What is the weight, **in grams**, of 1 pen? Write your answer in the space provided.

_____ g.

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15. Write the answers to the following calculations.

35% of 200 = _____

70% of 350 = _____

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16. How many **minutes** are there in **$6\frac{3}{4}$ hours**? Write your answer in the space below.

_____ minutes

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17. Look at the 5 **distances** below.

800 m

327 m

0.25 km

4 km

212 km

Write these distances in order **from shortest to longest**. The shortest distance has been done for you.

0.25 km

 shortest
 distance

 longest
 distance

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18. Look at the fractions below. Circle the **one** fraction that is **not equivalent** to $\frac{2}{3}$.

$$\frac{16}{24}$$

$$\frac{20}{30}$$

$$\frac{8}{9}$$

$$\frac{4}{6}$$

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19. Look at the calculation below. **Complete** the calculation by **writing a number** in the **box** below.

$$\begin{array}{r} 82\boxed{} \\ - 497 \\ \hline \boxed{}26 \end{array}$$

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20. Stu bought a game costing £6.58. He pays with a £10 note. What is the smallest number of coins Stu can receive in change? Write your answer in the space provided.

_____ coins

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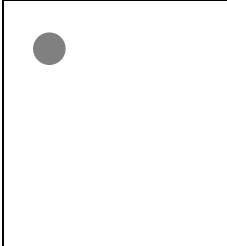
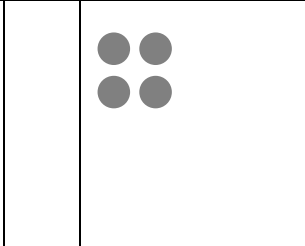
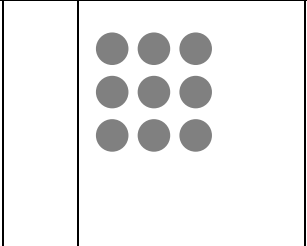
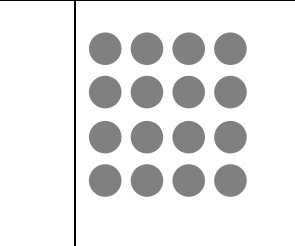
21. Cole is making patterns from pebbles. The **first four patterns** are shown below.

Pattern 1 uses **1 pebble**.

Pattern 2 uses **4 pebbles**.

Pattern 3 uses **9 pebbles**.

Pattern 4 uses **16 pebbles**.

						
Pattern 1		Pattern 2		Pattern 3		Pattern 4

How many pebbles does Cole need to make Pattern 6? Write your answer in the space below.

_____ pebbles

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22. At a rugby match in Ravenhill, $\frac{3}{4}$ of the **10,000** spectators are **male**. How many **females** are attending the game? Write your answer in the space below.

_____ females

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23. A **loaf of bread** normally costs £1.20.

A **special offer** lets you buy **three loaves for £3**. How much cheaper, **in pence**, are the three loaves in the special offer compared with three loaves at the normal price? Write your answer in the space below.

_____ p

24. Look at the time below, displayed in 24 hour clock format.

20:35

Which one of the statements below is true. Tick the correct box below.

- | | |
|--|--------------------------|
| It is 25 minutes to 9 in the evening | <input type="checkbox"/> |
| It is 25 minutes past 7 in the evening | <input type="checkbox"/> |
| It is 25 minutes to 8 in the morning | <input type="checkbox"/> |
| It is a quarter to 8 in the evening | <input type="checkbox"/> |

The passage you are about to read contains five errors. Read the passage and then answer the questions that follow it.

Floods hit Northern Ireland

In January of 2014, high tides and strong winds caused flooding in some coastal areas of Northern Ireland. Police were forced to warn some residents of Belfast to pack a bag and be ready to leave as the country braced itself for heavy floods.

line 1

line 2

line 3

With heavy rain and high water forecast, police asked members of the public to avoid coastal paths and to drive with extreme caution, Emergency workers placed thousands of sandbags around parts of central and east Belfast.

line 4

line 5

line 6

And were the fears justified. In the end the tide peaked without major flooding in Belfast. The police statement said: "Over the past few hours we have experienced extreme tidal surges in many coastal areas across Northern Ireland. In preparing for these types of events we must plan for the worst but thankfully, on this occasion, our defences held in most areas."

line 7

line 8

line 9

line 10

line 11

-
25. A question mark is needed instead of a full stop in one line of the passage. Tick the number of the line where the question mark is needed.

line 1 line 3 line 5 line 7

26. A word has been used incorrectly in the passage. Tick the number of the line where the error was made.

line 3 line 5 line 7 line 9

27. In one line of the passage a comma has been used incorrectly. A full stop rather than a comma should have been used. Tick the number of the line where the error was made.

- line 3
- line 5
- line 7
- line 9

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28. There is a spelling error in one of the lines. Tick the number of the line containing the spelling error.

- line 1
- line 4
- line 8
- line 11

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29. Based on your understanding of the above passage, circle the most appropriate words to complete the sentence below:

In January of 2014, Belfast suffered a serious flood a major flood alert .

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30. The verb, 'peaked', in line 7 means to ...

- To arrive
- To dampen
- To reach a maximum value
- To begin climbing

END OF TEST. LOOK OVER YOUR ANSWERS UNTIL TIME IS UP.

Answers to Step 2 Sample Paper

1.	3.20742
2.	q=5
3.	18,900; 20
4.	16, <u>22</u> , 28, 34, <u>40</u>
5.	12
6.	withered – 4 th option box
7.	to remain – 2 nd option box
8.	The poet is walking through a <u>garden</u>
9.	mowing
10.	late autumn [hint: The last brown leaf falls in verse 3]
11.	blue <i>or</i> faded blue
12.	fish teeth snakes
13.	7-30 pm
14.	42.68 g.
15.	70 245
16.	405
17.	0.25 km 327 m 800 m 4 km 212 km
18.	$\frac{8}{9}$ is not equivalent
19.	<u>823</u> – 497 = <u>326</u>
20.	<u>5</u> [hint: Change of £3.42 can be given as one £2 coin, one £1 coin, two 20p coins and one 2p coin]
21.	36 [hint: pattern 5 is 25 pebbles and pattern 6 is 36 pebbles]
22.	2,500
23.	60p
24.	It is 25 minutes to 9 in the evening – 1 st option box
25.	Line 7 – 4 th option box
26.	Line 9 – 4 th option box
27.	Line 5 – 2 nd option box
28.	Line 11 – 4 th option box
29.	a major flood alert
30.	To reach a maximum value – 3 rd option box

