

# St Olaves / Newstead

## Homework 17 Answer Key

### COMPREHENSION

Answers: Food Trucks: Increasing Momentum

1. c. Food trucks pose a direct competition by offering similar upscale food at lower prices.
2. c. Limited and exclusive menu options.
3. c. Food trucks are perceived as offering more affordable and diverse food choices.
4. c. To protect traditional restaurant owners from unfair competition by food trucks.
5. b. Food trucks are promoting a more diverse and international food scene in cities.
6. c. The low prices offered by food trucks compared to traditional restaurants.
7. b. City officials prioritize the interests of traditional restaurant owners over food truck operators.
8. c. The increasing demand from customers for more upscale and diverse food options.
9. c. Gourmet food trucks allow people to enjoy upscale dining at a lower cost.
10. c. The competition in attracting customers, especially in specific locations and times.

# RATIO AND PROPORTION

- 11. 5:7
- 12. 2:5
- 13. £350, £210, £140
- 14. 12
- 15. 48

16)

Omar is making Shortbread for 16 people.  
He has found a recipe with this list of ingredients on a website.

## Shortbread

Serves 8

|              |      |
|--------------|------|
| Butter       | 150g |
| Caster Sugar | 75g  |
| Plain Flour  | 175g |
| Cornflour    | 50g  |

How much of each ingredient will he need for 16 people?

$\times 2$

Butter: 300.....g

Caster Sugar: 150.....g

Plain Flour: 350.....g

Cornflour: 100.....g

17) Here is a recipe for Scones.

## Scones

Serves 8

|               |             |
|---------------|-------------|
| Butter        | 60g         |
| Flour         | 260g        |
| Baking Powder | 2 teaspoons |
| Buttermilk    | 180ml       |

How much of each ingredient would be needed to make scones for 2 people?

$\div 4$

Butter: <sup>15</sup>.....g

Flour: <sup>65</sup>.....g

Baking Power: <sup>1/2</sup>.....teaspoons

Buttermilk: <sup>45</sup>.....ml

18)

Shown below is a recipe for Stuffed Turkey.

## Stuffed Turkey

Serves 4

|                    |       |
|--------------------|-------|
| Turkey             | 500g  |
| Red Onion          | 1     |
| Garlic Cloves      | 2     |
| Chestnut Mushrooms | 150g  |
| Spinach            | 140g  |
| Chicken Stock      | 300ml |

Mary wants to make Stuffed Turkey for 10 people.

How much of each ingredient is needed?

Include units.

|          |               |                   |  |
|----------|---------------|-------------------|--|
|          | $\div 2$      | $\times 5$        |  |
| Serves 4 | Serves 2      | Serves 10         |  |
| 500g     | 250g          | 1250g (or 1.25kg) |  |
| 1        | $\frac{1}{2}$ | $2\frac{1}{2}$    | Turkey: ..... 1.25kg .....             |
| 2        | 1             | 5                 |  |
| 150g     | 75g           | 375g              | Red Onions: ..... $2\frac{1}{2}$ ..... |
| 140g     | 70g           | 350g              | Garlic Cloves: ..... 5 .....           |
| 300ml    | 150ml         | 750ml             | Chestnut Mushrooms: ..... 375g .....   |
|          |               |                   | Spinach: ..... 350g .....              |
|          |               |                   | Chicken Stock: ..... 750ml .....       |

19)

Here is a list of ingredients to make vegetable soup for 6 people.

|  |
|--|
| <p>Serves 6<br/>3 onions<br/>300g carrots<br/>260g potatoes<br/>150g celery<br/>1.4 litres vegetable stock</p> |
|--|

Jessica wants to make enough soup for 9 people.

Work out how much of each of the ingredients she needs.

$$3 \times 6 = 9 \text{ people}$$

Serves 3  
1.5 onions  
150g carrots  
130g potatoes  
75g celery  
0.7 litres stock

4.5 onions  
450g carrots  
390g potatoes  
225g celery  
2.1 litres stock

Onions: .....4.5.....onions

Carrots: .....450.....g

Potatoes: .....390.....g

Celery: .....225.....g

Vegetable Stock: .....2.1.....litres

20)

Richard wants to make Shortbread for 3 people.  
He has this recipe.

### Shortbread

|              | Serves 4 | $\div 4$ | 1 person | $\times 3$ | 3 people |
|--------------|----------|----------|----------|------------|----------|
| Butter       | 80g      |          | 20g      |            | 60g      |
| Caster Sugar | 60g      |          | 15g      |            | 45g      |
| Plain Flour  | 100g     |          | 25g      |            | 75g      |
| Cornflour    | 40g      |          | 10g      |            | 30g      |

How much of each ingredient will Richard need for 3 people?

Butter: .....60.....g

Caster Sugar: .....45.....g

Plain Flour: .....75.....g

Cornflour: .....30.....g

# VR

21. This question consists of pair of words bearing a relation. From amongst the alternatives, pick up the pair that best illustrates a similar relationship:  
Piano : Key  
A. **Guitar : String**  
B. Calculator : Number  
C. Food : Utensils  
D. Swan : Bird
22. Pick up the group of letters from the alternatives that will continue the series in the most sensible way:  
ABDGKP  
A. VE  
B. UB  
C. **VC**  
D. WD  
(Gaps between successive letters are 0, 1, 2, 3, 4...)
23. The word 'Gather' is most nearly opposite to  
A. **Disperse**  
B. Distant  
C. Organize  
D. Assemble
24. Select the missing entry of the sequence from the given options:  
A17, C15, ?, J8, O3  
A. E11  
B. D12  
C. E13  
D. **F12**  
(Letters are moving forward with increasing number of omissions between them, numbers are going backward in the same way.)
25. In a certain code language 'water from river' is written as 'du san fe', 'from mountain to river' is written as 'san ged yan fe'. Which one of the following options could be the code for 'people from mountain' ?  
A. suo du fe  
B. **suo san ged**  
C. suo san yan  
D. suo ged yan
26. When the words shown below are arranged to form a meaningful sentence, identify the fourth word from the options:  
justice citizens demanded blocked agitated and roads  
A. citizens  
B. justice  
C. **roads**  
D. demanded

(Agitated citizens blocked roads and demanded justice.)

27. Identify the odd one out from the following:

Zebra, Cow, Lion, Rhinoceros, Leopard, Hyena

A. Zebra

B. Cow

C. Hyena

D. Leopard

(Only cow is domestic)

28. Which of the following words is nearest in meaning to 'reverie'?

A. Siesta

B. Daydream

C. Somnambulist

D. Nap

29. Identify the missing letters in the series:

Z, A, ?, Y, C, D, X, ?, ?, ?, G, H

A. B, U, E, V

B. W, E, F, U

C. B, E, F, W

D. Y, W, E, F

(Odd-placed letters are going backward, even-placed ones are going forward)

30. Find the missing letters in the series:

DCE, GFH, IJK, ?

A. LNM

B. NLM

C. MLN

D. LMN

(The triplets are rearranged successive letters CDE, FGH, IJK, ...)



# NVR

31.A

32.B

33.A

34.B

35.B

36.C

37.D

38.B

39.C

40.C

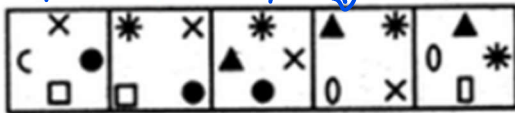
# NVR

31) By observing the pattern followed in the question figure, what should be the next figure?

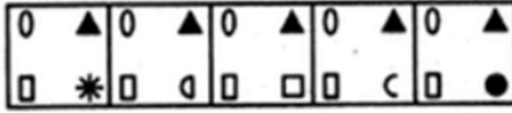
loses the semi circle

loses black circle

Problem Figures:



Answer Figures:



A

B

C

D

E

loses the square

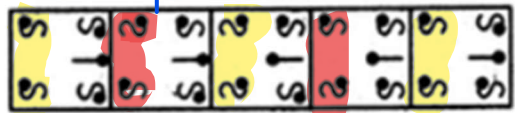
loses X

So next shape to be lost is the star, must be replaced with new shape, and the other shapes must remain, but be rotated around.

Must be B, only one with a new shape on bottom right

32) By observing the pattern followed in the question figure, what should be the next figure?

Problem Figures:



Answer Figures:



A

B

C

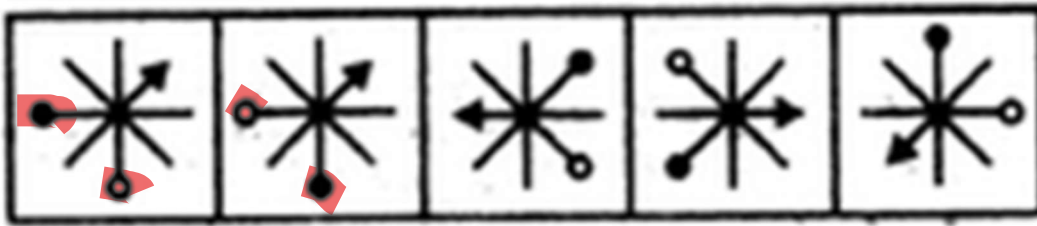
D

E

left two shapes reflecting, must be B or C or D

stick with circle goes: right, right, left, left, right. So next should be right  
Cancels out C and D

33) Observe the pattern followed by the figures and find the odd one out of them.



A

B

C

D

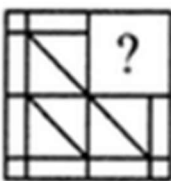
E

All of them have white circle to the left of the arrow/black circle. apart from A (has on the right).

34) By observing the pattern followed in the question figure, complete the pattern.

Must have diagonal line like B or C

Must be B because of top right corner of C is incorrect.



(X)



A



B



C



D

35) By observing the pattern followed in the question figure, complete the pattern.

reflection

(X)

A B C D

36) By observing the pattern followed in the question figure, complete the pattern.

each box that is diagonal to each other is a reflection. must be C

(X)

A B C D

37) By observing the pattern followed in the question figure, complete the pattern.

bottom is a non curved version of top shapes.

(X)

A B C D

38) Observe the pattern followed by the figures and find the odd one out from them.

A B C D E

All options are a reflection of a letter across Vertical axis, but B is reflected across horizontal axis.

39) By observing the pattern followed in the question figure, complete the pattern.

reflect bottom right shape to bottom left.  
 on A the double lines are too far away.



(X)



A



B



C

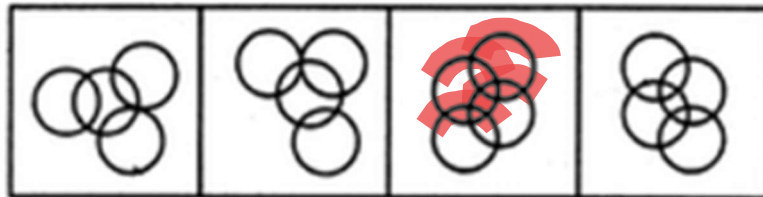


D

40) In which answer figure the question figure is embedded?



(X)



A

B

C

D

this is find hidden shape question.  
 you can put this option into option C and it would overlap.  
 look at highlights.