

St Olaves / Newstead

Homework _ Answer Key

Comprehension

Answer key:

1. C
2. A
3. A
4. A
5. E
6. C
7. C
8. C
9. D
10. C
11. B, C
12. B, C

PERCENTAGE PROBLEMS

Answer key:

13. 48
14. 640
15. 161
16. 128.7
17. 252
18. $0.8 \times \text{£}20 = \text{£}16$, So
he saved **£4**
19. $0.65 \times \text{£}350$,
£227.50
20. 0.64×600 , **384**
pupils

Answer key:

21. $3800/3200 = 0.1875$,
18.75 % increase
22. $7.5/12 = 0.625$, $1 - 0.625 =$
 0.375 , **37.5 % decrease**

Verbal Reasoning

ANSWERS

23. D

24. E

25. A

26. D

27. C

28. D

29. A

30. A

31. D

32. D

NVR

33. **Answer = D.** The arrow changes direction and the shape on the right has 1 more side than its counterpart on the left.
34. **Answer = A.** This question is a bit trickier, as it is asking you to notice that there are two patterns appearing at the same time with alternating dominos. If you consider the 1st, 3rd and 5th dominos the pattern becomes more obvious; the top number is decreasing by 1 and the bottom is increasing by 1. Now look at the 2nd and 4th dominos, there is a similar progression happening with increasing and decreasing dots.
35. **Answer = E.** The black and white dots are alternating between 5 and 7 in number. In the last picture there are 5 white dots and 7 black ones, meaning the following image should contain 7 white dots and 5 black ones.
36. **Answer = B.** Each tile contains 2 overlapping shapes, 1 larger than the other. As the 2 shapes overlap a new, smaller shape is created inside the first large shape. The large shape in the following tile corresponds directly with this new shape that was created. When the shapes overlap the largest bisection is always within the biggest shape.

37. **Answer = E.** Each string of letters contains S, F, G, H and J appearing in a loop. It is easier to imagine if you can see multiple loops appearing consecutively: S-F-G-H-J-S-F-G-H-J-S-F-G-H-J A, B, C and D strings all include letters in the right order to fit in the same loop. For example, F always follows S and precedes G however in the last string (E) The letters are out of order.

38. **D**

39. **B**

40. **C**

41. **C**

42. **A**