WEEK 17 ANSWERS
ENGLISH - Comprehension/Spelling/Homophones
Ambrus and Cerebrus

Multiple Choice Exercise:

1) **D**
2) **B**
3) **D**
4) **A**
5) **B**
6) **D**
7) **A**
8) **E -** A noun is a word that represents a person, thing, concept, or place.
9) **E**
10) **E -** A simile that compares two different things using the word like or as.
11) **D**
12) **D**

Spelling Exercise:

26) A (mythology)
27) B (entrance)
28) C (intention)
29) B (faithful)
30) N
31) A (commanded)
32) A (theoretically)
33) **C** (squeezing)

Homophones:

allowed	aloud
ball	bawl
beach	beech
boy	buoy
check	cheque
days	daze
die	dye
due	dew
great	grate
in	inn
key	quay
lane	lain
leek	leak

war	wore
waste	waist
might	mite
week	weak
packed	pact
pale	pail
place	plaice
rain	rein; reign
read	reed
profit	prophet
seen	scene
road	rode
sight	site

WEEK 17 ANSWERS
MATHS - **BIDMAS**

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For all of these questions you need to follow the order of BIDMAS:

B = Brackets I = Indices (Powers) D = Division M = Multiplication A & S = Addition and Subtraction

- $6 + 3 \times 4 = 18$
- $3 + 5^2 = 28$
- $2 + (3 + 5)^2 = 66$
- $11 - 2 \times 9 = -7$
- $10 \times 12 - 6 = 114$
- $5 - 4 \div 2 + 1 = 4$

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1) 19	9) 48	17) 8	25) 8	33) 27	41) 5
2) 10	10) 9	18) 1	26) 5	34) 8	42) 32
3) 14	11) 7	19) 49	27) 16	35) 17	43) 2
4) 30	12) 18	20) 59	28) 5	36) 4	44) 29
5) 4	13) 19	21) 5	29) 5	37) 2	45) 4
6) 13	14) 1	22) 1000	30) 2	38) 20	46) 100
7) 25	15) 15	23) 4	31) 16	39) 2.4	47) 63
8) 64	16) 1	24) 21	32) 20	40) 11	48) 2

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1) $(3 + 1) \times 5 = 20$
2) No brackets!
3) No brackets!
4) $(12 - 6) \times 4 = 24$
5) No brackets!
6) $24 \div (8 + 4) = 2$
7) $5 \times (9 - 7) = 10$
8) No brackets!
9) No brackets!
10) $(2 + 1)^2 = 9$
11) $(7 - 3)^2 = 16$
12) No brackets!
13) $27 \div (3 + 6) = 3$
14) $3 \times (10 - 4) = 18$
15) $(12 - 8) \div 5 = 4$
16) No brackets!
17) No brackets!
18) $(1 + 4)^2 = 25$
19) $7 + 2 \times (3 + 1) = 15$
20) $9 - 4 \div (9 - 5) = 8$
21) $(7 - 3) \times 3 - 2 = 10$

1) 1 + 2 x 3 = 7.
2) 1 x 4 + 2 = 6.
3) 4 x 2 - 1 = 7.
4) 4 + 3 x 2 = 10.
5) 4 ÷ 2 + 1 = 3.
6) 4 x 5 - 3 = 17.
7) 3 + 4 ÷ 2 = 5.
8) 4 ÷ 1 + 5 = 9.
9) 6 x 2 - 3 = 9.
10) 3 x 5 + 2 = 17.

WEEK 17 ANSWERS
REASONING

NVR Complete the Grid Answers		
Q	Answer	Explanation
1	B	Every row/column has an arrow pointing up, down and right. The right pointing arrow is missing.
2	A	Every column has a square a single outline, a double outline and a dashed outline. The middle column is all small squares. The double, small square is missing.
3	D	The right column is rotated 90 degrees anti-clockwise.
4	E	The bottom row has pointed shapes, and the shapes in the middle column follow the pattern white, striped and black (top to bottom). The answer must be E.
5	B	The large shape in the bottom square is in the bottom left corner of the top square, and is shaded the same as the large shape in the top square.
6	A	The shape is rotated 90 degrees anti-clockwise and the shading is swapped in the bottom square.
7	A	The middle column stays the same shape, but alternates 90 degrees clockwise going downwards, and every column has a striped, dotted and cheched shape (the stripes are the missing square).
8	E	The middle column shows the two outer squares on each row merged, with the shapes staying in the same position (must be E not A).
9	C	The bottom row is always shaded with dots, and the centre circle alternates from black to white (so must be black). On the outside squares of the grid, all the speech bubbles point outwards.
10	C	Across the row, the backgroud shape stays the same colour (black) but flips. The centre shape switches colour (turns black) and an identical, but shaded shape is added to the centre.
NVR Find a Pair Answers		
Q	Answer	Explanation
1	C	The small shapes have swapped places and colours, and the middle shape has changed from black to white.
2	E	The left rectangle (with the black triangle) has rotated 90 degrees anti cw, and the triangle (with the circle inside) has rotated 180 degrees. Both shapes are now stacked.
3	D	The small triangle and rounded square have swapped places and colours, and the bottom left diamond is now larger and behind the others, so only three small shapes remain in the foreground.
4	D	The largest shape has shrunk and duplicated, and the smaller inside shape is now larger and black, with the two smaller shapes inside.
5	D	The two largest shapes are now inside the small triangle (which is now larger). A black shape has been added that has one more side than the original small shape.
6	C	The small outer shapes have turned translucent, and the small centre shape has lost one side (becomes a triangle) and turns black.
7	B	The two halves of the top shape have split up, with the black half taking the place of the white circle. The white circle replaces the bottom circle, which splits into two halves along the side of the two new bottom shapes.
8	D	The bottom line has been rotated 180, and in the top section the small shapes have swapped colours (black to white and vice versa) and the lines have turned from dashed to solid.
9	D	The two triangles have swapped places and sizes, and the white triangle has rotated 180 while the half and half triangle remains the same.
10	E	The two shapes at either end of the line have swapped places, and the circle has turned from black to white.