BROAD HORIZON
TUITION

11+ Basics Tuition

Year 4

Week 9

ANSWERS

Place Value **Answers**

A. Can you write the following amounts in numerals?

1. One hundred and ten= 110
2. Nine hundred and fifty = 950
3. Three hundred and seven = 307
4. Four hundred and seventy = 470
5. Five hundred and ninety = 590
6. Three hundred and one = 301

B. What are the values of the underlined digits?

1. 3<u>1</u>7 = ten
2. <u>1</u>65 = one hundred
3. 4<u>2</u>2 = twenty
4. <u>8</u>21 = eight hundred
5. <u>5</u>95 = five hundred
6. 65<u>5</u> = five
7. 2<u>7</u>9 = seventy
8. <u>9</u>99 = nine hundred
9. <u>4</u>19 = four hundred
10. 88<u>9</u> = nine
11. 7<u>6</u>3 = sixty
12. 22<u>9</u> = nine

C. Can you circle the digit that is equivalent to the written amount?

1. Fifty 8(5)0
2. Thirty 9(3)0
3. Three hundred (3)79
4. Eighty 4(8)0
5. Twenty 2(2)2
6. Five hundred (5)52
7. Seventy 7(7)0
8. Eight hundred (8)87
9. Six hundred (6)60

D. Write the numbers in ascending order.

1. 103, 256, 87, 176, 68, 113 — 68, 87, 103, 113, 176, 256
2. 487, 378, 748, 225, 382, 477 — 225, 378, 382, 477, 487, 748
3. 956, 559, 658, 795, 612, 735 — 559, 612, 658, 735, 795, 956

Place Value **Answers**

A. Can you write the following amounts in numerals?

1. Three thousand, five hundred = 3500
2. One thousand, three hundred and eight = 1308
3. Eight thousand, seven hundred and one = 8701
4. Two thousand, nine hundred and two = 2902
5. Six thousand and sixteen = 6016
6. One thousand, nine hundred and nineteen = 1919
7. Five thousand, five hundred and five = 5505

B. What are the values of the underlined digits?

1. 8<u>8</u>9 =	eighty	2. <u>1</u>65 =	one hundred	3. 4<u>4</u>2 =	forty
4. <u>8</u>21 =	eight hundred	5. 1<u>5</u>95 =	five hundred	6. 26<u>5</u>5 =	fifty
7. <u>1</u>101 =	one thousand	8. 707<u>1</u> =	seventy	9. 8<u>8</u>88 =	eight hundred
10. <u>6</u>707 =	six thousand	11. 676<u>7</u> =	sixty	12. 3<u>1</u>21 =	one hundred

C. Can you circle the digit that is equivalent to the written amount?

1. Fifty	80(5)0	2. Thirty	19(3)0	3. Three hundred	2(3)79
4. Eighty	80(8)1	5. Twenty	2(2)22	6. Five hundred	4(5)50
7. Seventy	70(7)5	8. Eight hundred	8(8)87	9. Six hundred	6(6)90

Addition

95 + 61 156	64 + 31 95	94 + 61 155	65 + 1 66	74 + 91 165
84 + 46 130	99 + 46 145	4 + 21 25	55 + 71 126	54 + 81 135
44 + 71 115	24 + 36 60	85 + 11 96	45 + 11 56	75 + 36 111
5 + 51 56	35 + 91 126	25 + 41 66	14 + 21 35	15 + 41 56
668 + 211 879	646 + 211 857	558 + 111 669	812 + 166 978	
268 + 621 889	237 + 231 468	275 + 521 796	377 + 321 698	

847 + 132 979	716 + 281 997	453 + 122 575	488 + 511 999
1657 + 7322 8979	2155 + 6713 8868	4435 + 5144 9579	3456 + 4331 7787
5542 + 4422 9964	7774 + 2111 9885	2551 + 5416 7967	3531 + 3232 6763
6267 + 1521 7788	4755 + 3231 7986	4474 + 4325 8799	6436 + 1511 7947

Subtraction

343	415	696	984
- 216	- 355	- 165	- 305
127	60	531	679

956	878	305	401
- 559	- 853	- 188	- 336
397	25	117	65

629	921	909	566
- 513	- 104	- 465	- 131
116	817	444	435

3824 - 2983 841	4433 - 1145 3288	4598 - 3694 904	6761 - 2738 4023

7598 - 6529 1069	7512 - 6970 542	9639 - 1296 8343	7783 - 6649 1134

8915 - 3550 5365	9226 - 2983 6243	4912 - 4098 814	6554 - 3337 3217

Multiplication

1.				
			6	7
x				3
		2	0	1

2.				
			8	6
x				3
		2	5	8

3.				
			3	4
x				9
		3	0	6

4.				
			5	2
x				6
		3	1	2

5.				
			2	1
x				6
		1	2	6

6.				
			3	5
x				5
		1	7	5

7.				
			4	5
x				4
		1	8	0

8.				
			7	6
x				3
		2	2	8

9.				
			9	3
x				1
			9	3

10.

			5	8
x				3
		1	7	4

11.

			8	2
x				4
		3	2	8

12.

			1	2
x				9
		1	0	8

13.

			7	2
x				3
		2	1	6

14.

			9	2
x				3
		2	7	6

15.

			8	1
x				5
		4	0	5

16.

			9	8
x				3
		2	9	4

17.

			4	9
x				3
		1	4	7

18.

		8	5	6
x				2
	1	7	1	2

Division

$$4\overline{)332} = 83 \qquad 4\overline{)392} = 98 \qquad 5\overline{)305} = 61 \qquad 6\overline{)594} = 99$$

$$9\overline{)126} = 14 \qquad 9\overline{)828} = 92 \qquad 8\overline{)664} = 83 \qquad 2\overline{)184} = 92$$

$$7\overline{)532} = 76 \qquad 2\overline{)190} = 95 \qquad 5\overline{)235} = 47 \qquad 4\overline{)124} = 31$$

$$6\overline{)240} = 40 \qquad 7\overline{)574} = 82 \qquad 9\overline{)477} = 53 \qquad 6\overline{)258} = 43$$

$$5\overline{)155} = 31 \qquad 8\overline{)184} = 23 \qquad 3\overline{)195} = 65 \qquad 8\overline{)264} = 33$$

$$2\overline{)114} = 57 \qquad 6\overline{)204} = 34 \qquad 7\overline{)294} = 42 \qquad 6\overline{)324} = 54$$

$$4\overline{)296} = 74 \qquad 5\overline{)410} = 82 \qquad 8\overline{)344} = 43 \qquad 3\overline{)243} = 81$$

$$4\overline{)148} = 37 \qquad 2\overline{)172} = 86 \qquad 7\overline{)336} = 48 \qquad 5\overline{)210} = 42$$

$$2\overline{)34} = 17 \qquad 9\overline{)738} = 82 \qquad 3\overline{)249} = 83 \qquad 4\overline{)376} = 94$$

$$9\overline{)117} = 13 \qquad 3\overline{)186} = 62 \qquad 6\overline{)180} = 30 \qquad 7\overline{)161} = 23$$

Rounding

Round each number to the nearest ten.

1)	46	50	6)	44	40
2)	42	40	7)	42	40
3)	64	60	8)	18	20
4)	12	10	9)	11	10
5)	27	30	10)	85	90

Round each number to the nearest hundred.

1)	926	900	6)	921	900
2)	884	900	7)	743	700
3)	731	700	8)	828	800
4)	448	400	9)	841	800
5)	654	700	10)	763	800

Answers

5 x 10 = **50**

6 x 100 = **600**

7 + 10 = **0.7**

4 x 10 = **40**

70 + 100 = **0.7**

6 x 10 = **60**

2 x 100 = **200**

28 + 10 = 2.8

5 + 10 = **0.5**

8 + 10 = **0.8**

7 x 100 = **700**

8 x 10 = **80**

3 x 100 = **300**

2 + 10 = **0.2**

80 + 100 = **0.8**

9 x 10 = **90**

Answers

34 x 10 = **340**

65 x 100 = **6500**

53 ÷ 10 = **5.3**

87 x 10 = **870**

785 ÷ 100 = **7.85**

64 x 10 = **640**

39 x 100 = **3900**

283 ÷ 10 = **28.3**

65 ÷ 10 = **6.5**

42 ÷ 10 = **4.2**

17 x 100 = **1700**

453 x 10 = **4530**

34 x 100 = **3400**

24 ÷ 10 = **2.4**

124 ÷ 100 = **1.24**

736 x 10 = **7360**

Answers

874 x 10 = **8740**

275 x 100 = **27 500**

3873 + 10 = **387.3**

673 x 10 = **6730**

3802 + 100 = **38.02**

204 x 10 = **2040**

309 x 100 = **30 900**

3002 + 10 = **300.2**

4000 + 100 = **40**

2264 + 10 = **226.4**

765 + 10 = **76.5**

817 x 100 = **81 700**

734 x 10 = **7340**

403 x 100 = **40 300**

1864 + 10 = **186.4**

3908 + 100 = **39.08**

8764 x 10 = **87 640**

201 x 100 = **20 100**

WORD PROBLEMS - ANSWER SHEET

1. 7,426
2. 163
3. 111
4. 8
5. 313
6. 215m
7. 26m
8. 58
9. 886
10. 120kg
11. 300
12. 60
13. 60
14. 126

Comprehension

Q1 ***E***

He had been arrested

Q2 ***A***

She didn't want to worry them

Q3 ***C***

He wanted to help his Mother as they were now poor

Q4 ***C***

When he heard their story, he forgave them

Q5 ***D***

Problems

Q6 ***C***

Red represents danger and is easily seen

Q7 ***E***

There was a landslide on the line

Q8 ***B***

With gold pocket watches

Q9 ***E***

The truth had been established and Father was innocent

Q10 ***D***

He returned to his family

English – Mixed Grammar Questions

1. dog
2. ran
3. e.g. *fierce / dark / loud*
4. She forgot her book at home.
5. children
6. knives
7. He jumped over the puddle.
8. They will play football.
9. Yesterday we visited the museum.
10. Where are you going?
11. The girls’ bags were left in the classroom.
12. but
13. e.g. *quietly / clearly / loudly*
14. under
15. e.g. *What subjects do you enjoy at school?*
16. e.g. *Sit down quietly.*
17. leave
18. e.g. *the large, old house*
19. unhappy
20. teacher / teaching

Section 3 — Reflect the Figure

1. B

In options A and C, the rectangles are in the wrong order.
In option D, the bases of the rectangles are not in line.

2. C

Option A is a 90 degree anticlockwise rotation.
Option B is a 135 degree anticlockwise rotation.
Option D is a 180 degree rotation.

3. A

In option B, all the lines are the same height and there is an extra square. In options C and D, the lines are in the wrong order.

4. D

Option A is reflected, but the white circle is positioned incorrectly. Option B is a 90 degree clockwise rotation. Option C is not reflected and the white circle has moved position.

Section 6 — Reflect the Figure

1. B

Option A is a 90 degree clockwise rotation.
The triangles in option C have the wrong shading.
Option D is a downwards reflection.

2. C

Option A is a 180 degree rotation. Option B is the wrong shape. Option D is a downwards reflection.

Section 2 — Find the Figure Like the First Two

1. D

All figures must have a small white shape on a larger black shape on a large white shape.

2. C

All figures must have a black crescent on a white circle.

3. B

All figures must be made up of straight lines and right angles.

4. B

All figures must have a white four-pointed star inside a black shape.

9. C

All figures must contain two overlapping arrows with different arrowheads.

10. E

In all figures, the lines on the right-hand side of the figure must be a reflection of the lines on the left-hand side of the figure.

11. A

All figures must contain a grey shape and a different hatched shape overlapping each other. The hatching must be going diagonally down to the right.

12. B

In all figures, the large shape must have smaller copies of itself overlapping all but two of its sides. The smaller shapes must have a different shading to the larger shape.