



**BROAD HORIZON**  
— T U I T I O N —

# 11+ Tuition

Year 3

Week 10

**ANSWERS**

**Name:** \_\_\_\_\_

**Date:** \_\_\_\_\_

## **Starter Task – Quick Revision**

### **Task 1 - spelling NOTE TO TEACHER -**

Read out these words to students and read each one twice.

- 1) Knowledge**
- 2) Although**
- 3) medicine**
- 4) Library**
- 5) Believe**

### **Task 2 – Definitions NOTE TO TEACHER**

Read out the words possession and reign and give time for students to define the first one before saying the next one or ask the individuals to recite the definitions

- 1) Believe: Accept that (something) is true, especially without proof.**
- 2) Knowledge: facts, information, and skills acquired by a person .through experience or education**

### **Task 3 – Maths**

**1)**  $5483 + 9842 = 15,325$

**3)**  $5839 - 3840 = 1999$

**5)** Round 1950 to the nearest 100 = 2000

**6)** Round 1299 to the nearest 1000 = 1000

**7)**  $45 \times 3 = 135$

**8)**  $631 \times 2 = 1262$

**9)**  $191 \times 5 = 955$

**10)**  $999 \times 8 = 7992$

**11)**  $999 \div 3 = 333$

**12)**  $482 \div 4 = 120 \text{ r}2$

**13)**  $3245 \div 3 = 1081 \text{ r}3$

# Maths

## Mental Arithmetic

### MENTAL ARITHMETIC : YEAR 3 : AUTUMN TERM : WEEK 10

Paper 19	Answer	Paper 20	Answer
1. What is half of 24?	<b>12</b>	1. What is half of 28?	<b>14</b>
2. What is half of 30?	<b>15</b>	2. What is half of 40?	<b>20</b>
3. Divide 8 by 4.	<b>2</b>	3. Divide 6 by 3.	<b>2</b>
4. Divide 10 by 5.	<b>2</b>	4. Divide 10 by 2.	<b>5</b>
5. How many fives make 20?	<b>4</b>	5. How many fives make 30?	<b>6</b>
6. How many twos make 12?	<b>6</b>	6. How many twos make 20?	<b>10</b>
7. Alan has 5 stickers. Joni has three times as many. How many stickers has Joni got?	<b>15</b>	7. Andy has 30 stickers. Duncan has half as many. How many stickers has Duncan got?	<b>15</b>
8. There are ten stamps in a row. Nadia has 4 rows. How many stamps does she have?	<b>40</b>	8. There are ten stamps in a row. Sandra has 5 rows. How many stamps does she have?	<b>50</b>
9. 20 sweets were shared equally between 4 children. How many did they get each?	<b>5</b>	9. 25 sweets were shared equally between 5 children. How many did they get each?	<b>5</b>
10. How many tens make 60?	<b>6</b>	10. How many tens make 80?	<b>8</b>
Comment:		Comment:	

## Types of number

### Multiples

#### Page 16

Even numbers end in 2, 4, 6, 8 and 0.

1) 6

2) 34

3) 452

4) 272

5) 46

6) False

Numbers ending in 7 are odd.

Even numbers end in 2, 4, 6, 8 and 0.

7) False

Adding two odd numbers together gives an even number, e.g.  $7 + 11 = 18$ .

8) 39

The number before 41 is 40, which is even.

The number before 40 is 39, which is odd because it ends in 9.

So the answer is 39.

9) 84

The number after 82 is 83, which is odd.

The number after 83 is 84, which is even because it ends in 4.

So the answer is 84.

10) 48, 50, 52

48 is the first even number above 47.

To find the other even numbers count up in twos until you pass 53.

So the even numbers between 47 and 53 are 48, 50 and 52.

11) B

> means 'is more than'. 10 is more than 4, so option B is true.

12) 18

The numbers between 3 and 9 that are even are 4, 6 and 8. Add them together:  $4 + 6 + 8 = 18$ .

13) 28

The numbers between 12 and 16 that are odd are 13 and 15.

Add them together:  $13 + 15 = 28$ .

14) 3

Even numbers end in 2, 4, 6, 8 and 0.

So 12, 14, 18 and 22 are even numbers.

22 is over 21, so 12, 14 and 18 are the 3 even numbers smaller than 21.

#### Page 17

1) 12

12 is a multiple of 6 ( $6 \times 2 = 12$ ).

2) 15

15 is a multiple of 5 ( $5 \times 3 = 15$ ).

3) 81

81 is a multiple of 9 ( $9 \times 9 = 81$ ).

4) 32

32 is a multiple of 8 ( $8 \times 4 = 32$ ).

5) 33

33 is a multiple of 11 ( $11 \times 3 = 33$ ).

6) 21

21 is a multiple of 7 ( $7 \times 3 = 21$ ).

7) D

All multiples of 4 are even numbers, e.g.  $4 \times 2 = 8$ ,  $4 \times 3 = 12$ ,  $4 \times 4 = 16$ .

8) 18

18 is in the wrong place because it isn't an odd number.

9) C

The number which belongs in the shaded section of the Venn diagram needs to be both a multiple of 8 and bigger than 20.

24 is a multiple of 8 ( $8 \times 3 = 24$ ).

24 is also bigger than 20.

10) C

Each page of the album can hold 4 photos, so to fill 4 pages you need  $4 \times 4 = 16$  photos. Sue has 16 photos.

# Adding and subtracting ten

## Answers

<b>Page 3</b>					
1. 70, 80, 90, 100, 110	2. 100, 110, 120, 130, 140	3. 90, 100, 110, 120, 130			
4. 50, 60, 70, 80, 90	5. 150, 160, 170, 180, 190	6. 260, 270, 280, 290, 300			
<b>Page 4</b>					
1. <del>80, 90, 100, 110, 120</del>	2. <del>110, 120, 130, 140, 150</del>	3. <del>240, 250, 260, 270, 280</del>			
4. <del>300, 310, 320, 330, 340</del>	5. <del>170, 180, 190, 200, 210</del>	6. <del>170, 180, 190, 200, 210</del>			
<b>Page 5</b>					
1. 87, 77, 67, 57, 47, 37	2. 68, 58, 48, 38, 28, 18				
3. 92, 82, 72, 62, 52, 42	4. 77, 67, 57, 47, 37, 27				
<b>Page 6</b>					
1. <del>81, 71, 61, 51, 41, 31</del>	2. <del>56, 46, 36, 26, 16, 6</del>				
3. <del>72, 62, 52, 42, 32, 22</del>	4. <del>99, 89, 79, 69, 59, 49</del>				
<b>Page 7</b>					
1. 3 tens	2. 9 tens	3. 8 tens	4. 5 tens	5. 6 tens	6. 10 tens
<b>Page 8</b>					
1. 6 tens	2. 4 tens	3. 5 tens	4. 6 tens	5. 2 tens	

## **Adding Multiples of 10 Crossing 100: Answers**

question	answer		
1	796	16	2279
2	619	17	5442
3	841	18	5384
4	221	19	2287
5	619	20	2633
6	1006	21	7891
7	188	22	1451
8	473	23	1129
9	868	24	4303
10	822	25	7985
11	383	26	9556
12	257	27	6969
13	197	28	1483
14	998	29	9502
15	281	30	7667

- 1) 29, 49, 69, 89, 109, 129, 149, 169, 189, 209
- 2) 62, 112, 162, 212, 262, 312, 362, 412, 462, 512
- 3) 75, 85, 95, 105, 115, 125, 135, 145, 155, 165
- 4) 96, 146, 196, 246, 296, 346, 396, 446, 496, 546
- 5) 22, 32, 42, 52, 62, 72, 82, 92, 102, 112
- 6) 17, 37, 57, 77, 97, 117, 137, 157, 177, 197
- 7) 96, 146, 196, 246, 296, 346, 396, 446, 496, 546
- 8) 28, 48, 68, 88, 108, 128, 148, 168, 188, 208
- 9) 645, 685, 725, 765, 805, 845, 885, 925, 965, 1005
- 10) 984, 1014, 1044, 1074, 1104, 1134, 1164, 1194, 1224, 1254
- 11) 265, 305, 345, 385, 425, 465, 505, 545, 585, 625
- 12) 462, 512, 562, 612, 662, 712, 762, 812, 862, 912

- 1) 56, 76, 96, 116, 136, 156, 176, 196, 216, 236
- 2) 35, 85, 135, 185, 235, 285, 335, 385, 435, 485
- 3) 56, 66, 76, 86, 96, 106, 116, 126, 136, 146
- 4) 87, 137, 187, 237, 287, 337, 387, 437, 487, 537
- 5) 7, 17, 27, 37, 47, 57, 67, 77, 87, 97
- 6) 24, 44, 64, 84, 104, 124, 144, 164, 184, 204
- 7) 68, 118, 168, 218, 268, 318, 368, 418, 468, 518
- 8) 35, 55, 75, 95, 115, 135, 155, 175, 195, 215
- 9) 999, 1039, 1079, 1119, 1159, 1199, 1239, 1279, 1319, 1359
- 10) 459, 489, 519, 549, 579, 609, 639, 669, 699, 729
- 11) 648, 688, 728, 768, 808, 848, 888, 928, 968, 1008
- 12) 747, 797, 847, 897, 947, 997, 1047, 1097, 1147, 1197

## English – Grammar

### Punctuation

#### 12 Sentences p15

1 It is Asim's birthday today! He is eight years old. His party is on Saturday. Ten of his friends are coming.

- 2 Claire lived with her Mum in a fourth floor flat. She wanted a pet. She really wanted a puppy. Her Mum said that a budgie would be a better pet to have in a flat. This made Claire upset. She couldn't take a budgie for a walk.
- 3 a Do Mr and Mrs Smith live in the United Kingdom?  
b Doctor and Professor Jones are from the United States.  
c Look out! There's a car coming.

#### 13 Question and exclamation marks p16

- 1 a ?                      b .                      c ?                      d ?                      e .
- 2 a .                      b !!!                      c .                      d !                      e !!!/.
- 3 !!!!!/?/./?!!!!/?/./!!!.

#### 14 Speech marks p17

- 1 a "It's snowing," cried Eamon.  
b "We could go outside and build a snowman," suggested Shannon.  
c Mum laughed, "There's not enough snow!"  
d "But I don't mind if it's a tiny snowman," Eamon pleaded.
- 2 a "It's Katie's birthday party tonight," whispered Sophie.  
b "I'm really looking forward to it," replied Amy.  
c Emma leaned over and said, "What are you going to wear?"  
d "I might wear my new jeans," Sophie answered.



## Pages 20-25 — Assessment Test 1

### Section 1 — Reflect the Figure

1) D

Option A has been rotated 180 degrees. In option B, the figure has not been reflected and it has the wrong shading. In option C, the shapes are positioned incorrectly.

2) B

Option A is identical to the example figure.  
Option C is a 90 degree clockwise rotation.  
Option D is a downwards reflection.

3) B

In option A, the big fish has not been reflected and the small fish has been rotated 90 degrees clockwise. In option C, the big fish and small fish have swapped positions. In option D, the small fish has not been reflected.

4) D

Options A and C have the wrong shading and option C has also not been reflected. In option B, the antennae on the robot's head are pointing in the wrong direction.

### Section 2 — Complete the Pair

1) B

The whole figure gets bigger.

2) A

The large shape at the back turns black.

3) D

The shape at the front moves to the back.

4) A

One more black shape is added around the outside of the figure.