

## Transition to Year 7 Summer Holiday Homework

Your new secondary school may have set you work to do, in which case do that instead. But if you don't have any, or if you are bored (!) then here are some pieces of work to keep you busy. The booklet is split into four areas: maths, reading, writing and SPAG (spelling, punctuation and grammar).

# Mathematics

## Fast and Furious

Below are six fast and furious. What you need to do is time yourself completing all 40 questions. Then write the time it took underneath. Remember to mark your work to check how many you got correct.

Fast and Furious Number	Time taken	Score /40
1		
2		
3		
4		
5		
6		

100	+	94	=		4	x	8	=		93	-	72	=		12	÷	4	=	
89	+	78	=		8	x	7	=		102	-	71	=		36	÷	9	=	
97	+	92	=		8	x	10	=		119	-	50	=		50	÷	5	=	
83	+	50	=		11	x	8	=		99	-	57	=		20	÷	5	=	
88	+	52	=		3	x	6	=		135	-	62	=		20	÷	4	=	
64	+	75	=		8	x	10	=		107	-	53	=		18	÷	6	=	
64	+	52	=		10	x	12	=		98	-	59	=		48	÷	8	=	
82	+	65	=		10	x	12	=		92	-	51	=		120	÷	10	=	
50	+	83	=		7	x	9	=		86	-	73	=		88	÷	11	=	
97	+	84	=		11	x	7	=		114	-	76	=		21	÷	7	=	
83	+	85	=		8	x	10	=		85	-	61	=		42	÷	7	=	
77	+	55	=		7	x	8	=		87	-	53	=		48	÷	6	=	
64	+	95	=		11	x	5	=		140	-	77	=		35	÷	7	=	
74	+	65	=		4	x	9	=		93	-	77	=		48	÷	4	=	
55	+	86	=		5	x	10	=		126	-	56	=		99	÷	9	=	
69	+	54	=		6	x	9	=		114	-	56	=		72	÷	9	=	
97	+	80	=		8	x	8	=		80	-	56	=		12	÷	4	=	
98	+	85	=		10	x	7	=		124	-	53	=		12	÷	3	=	
71	+	82	=		7	x	5	=		114	-	63	=		18	÷	6	=	
62	+	88	=		8	x	6	=		93	-	78	=		63	÷	9	=	

62 +	73 =		6 x	6 =		107 -	51 =		90 ÷	9 =	
91 +	91 =		4 x	6 =		92 -	70 =		144 ÷	12 =	
75 +	79 =		6 x	5 =		136 -	54 =		24 ÷	8 =	
80 +	73 =		7 x	12 =		124 -	77 =		63 ÷	7 =	
73 +	63 =		5 x	10 =		138 -	70 =		72 ÷	12 =	
100 +	75 =		6 x	9 =		117 -	73 =		36 ÷	12 =	
64 +	75 =		6 x	9 =		81 -	76 =		18 ÷	6 =	
52 +	59 =		4 x	10 =		135 -	68 =		72 ÷	6 =	
65 +	61 =		11 x	8 =		116 -	56 =		28 ÷	7 =	
75 +	90 =		7 x	12 =		97 -	77 =		18 ÷	3 =	

87 +	51 =		9 x	9 =		139 -	78 =		72 ÷	8 =	
94 +	86 =		10 x	7 =		82 -	59 =		36 ÷	12 =	
90 +	89 =		9 x	12 =		113 -	60 =		48 ÷	4 =	
87 +	74 =		8 x	12 =		90 -	76 =		132 ÷	12 =	
55 +	66 =		10 x	10 =		131 -	61 =		40 ÷	10 =	
91 +	77 =		4 x	10 =		107 -	71 =		40 ÷	4 =	
92 +	93 =		4 x	6 =		137 -	70 =		54 ÷	6 =	
88 +	52 =		12 x	11 =		95 -	80 =		45 ÷	9 =	
93 +	84 =		7 x	10 =		119 -	64 =		16 ÷	4 =	
63 +	61 =		11 x	8 =		139 -	76 =		33 ÷	3 =	

88 +	68 =		10 x	8 =		128 -	52 =		144 ÷	12 =	
71 +	56 =		7 x	6 =		126 -	72 =		60 ÷	10 =	
95 +	94 =		6 x	10 =		126 -	73 =		99 ÷	11 =	
91 +	99 =		9 x	6 =		81 -	57 =		96 ÷	8 =	
98 +	51 =		11 x	8 =		132 -	60 =		36 ÷	3 =	
95 +	94 =		11 x	11 =		113 -	76 =		30 ÷	10 =	
85 +	93 =		12 x	7 =		107 -	55 =		36 ÷	3 =	
75 +	92 =		11 x	7 =		103 -	57 =		66 ÷	6 =	
93 +	92 =		3 x	10 =		86 -	52 =		88 ÷	11 =	
59 +	82 =		11 x	9 =		107 -	78 =		96 ÷	8 =	

56 +	82 =		11 x	6 =		115 -	56 =		70 ÷	10 =	
72 +	73 =		7 x	11 =		134 -	67 =		35 ÷	7 =	
83 +	53 =		7 x	7 =		91 -	59 =		84 ÷	12 =	
94 +	52 =		8 x	12 =		99 -	68 =		28 ÷	4 =	
86 +	88 =		6 x	5 =		80 -	80 =		84 ÷	7 =	
88 +	73 =		5 x	9 =		102 -	63 =		84 ÷	7 =	
96 +	61 =		8 x	5 =		105 -	64 =		32 ÷	4 =	
68 +	90 =		3 x	5 =		122 -	74 =		35 ÷	7 =	
53 +	69 =		8 x	11 =		104 -	71 =		88 ÷	11 =	
56 +	56 =		9 x	10 =		83 -	56 =		33 ÷	11 =	

## Mental Arithmetic Questions

Below are 6 random mental arithmetic question sets. Your aim is to complete all 10 questions in under 10 minutes. You should also aim for 10/10! Fill in the table below with your time and scores.

At the bottom of the questions is a table showing you how the questions could be worked out including any written methods used.

Mental Arithmetic Question Set	Time	Score /10
1		
2		
3		
4		
5		
6		

### Mental Arithmetic Calculations

1)	925	+	800		=
2)	150	×	11		=
3)	4.5	+	9.8		=
4)	1767	-	562		=
5)	100	÷	4		=
6)	9.9	+	0.09		=
7)	5	×	6	×	8 =
8)	$12^2$				=
9)	50	% of	520		=
10)	5	-	3		=
	9		9		=

### Mental Arithmetic Calculations

1)	971	+	900		=
2)	210	×	7		=
3)	6.6	+	5.9		=
4)	1560	-	604		=
5)	192	÷	8		=
6)	6.7	+	0.02		=
7)	3	×	8	×	9 =
8)	$10^2$				=
9)	40	% of	1270		=
10)	9	-	7		=
	13		13		=

### Mental Arithmetic Calculations

1)	968	+	700		=
2)	231	×	6		=
3)	2.1	+	2.8		=
4)	1615	-	551		=
5)	200	÷	8		=
6)	5.8	+	0.02		=
7)	3	×	4	×	9 =
8)	$9^2$				=
9)	50	% of	420		=
10)	7	-	5		=
	11		11		=

### Mental Arithmetic Calculations

1)	954	+	400		=
2)	177	×	11		=
3)	3.1	+	4.6		=
4)	1834	-	508		=
5)	95	÷	5		=
6)	5.6	+	0.03		=
7)	4	×	3	×	8 =
8)	$11^2$				=
9)	50	% of	170		=
10)	6	-	5		=
	9		9		=



### Mental Arithmetic Calculations

1)	989	+	200		=
2)	138	×	5		=
3)	8.7	+	8.7		=
4)	1218	-	796		=
5)	72	÷	4		=
6)	7.3	+	0.04		=
7)	4	×	4	×	7 =
8)	$6^2$				=
9)	70	% of	750		=
10)	9	-	8		=
	13		13		=

### Mental Arithmetic Calculations

1)	993	+	100		=
2)	203	×	12		=
3)	2.4	+	9.2		=
4)	1273	-	643		=
5)	133	÷	7		=
6)	7	+	0.04		=
7)	6	×	3	×	4 =
8)	$3^2$				=
9)	30	% of	1250		=
10)	4	-	1		=
	6		6		=

## Reading

In the following section there will be a short passage of text followed by some comprehension questions to answer. If there is more than one line to give your answer on then an extended answer is expected.

### **War Horse - Chapter 1**

My earliest memories are a confusion of hilly fields and dark, damp stables, and rats that scampered along the beams above my head. But I remember well enough the day of the horse sale. The terror of it stayed with me all my life.

I was not yet six months old, a gangling, leggy colt who had never been further than a few feet from his mother. We were parted that day in the terrible hubbub of the auction ring and I was never to see her again.

She was a fine working farm horse, getting on in years but with all the strength and stamina of an Irish draught horse quite evident in her fore and hindquarters.

1) Why are the earliest memories 'a confusion'?

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2) How were mother and colt separated?

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3) According to the text how are the stables described. Give **two** examples.

\_\_\_\_\_ and \_\_\_\_\_

4) How can you tell the mother is still a 'fine working farm horse'?

\_\_\_\_\_

\_\_\_\_\_

5) '*... a gangling, leggy colt*' What does this tell you about the horse?

\_\_\_\_\_

\_\_\_\_\_

6) What is another word for 'scampered' that could have been used in the text?

\_\_\_\_\_

## **An extract from *The Hobbit***

The dark filled the room, and the fire died down, and the shadows were lost, and still they played on. Suddenly first one and then another began to sing as they played, deep-throated singing of the dwarves in the deep places of their ancient homes; and this is a fragment of their song.

*Far over the misty mountains cold  
To dungeons deep and caverns old  
We must away ere break of day,  
To seek the pale enchanted gold.*

*The dwarves of yore made mighty spells,  
While hammers fell like ringing bells  
In places deep, where dark things sleep,  
In hollow halls beneath the fells.*

- 1) What does the author mean ...'and the shadows were lost'?

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- 2) What are the dwarves doing while they sing?

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3) When do the dwarves intend to set off from the house?

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4) What can you infer about the dwarves from the lines:

*The dwarves of yore made mighty spells,  
While hammers fell like ringing bells*

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5) What does the word 'seek' mean in the passage: 'To seek the pale enchanted gold'?

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6) What does the phrase '*To dungeons deep and caverns old*' imply about the adventure the dwarves are about to undertake?

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7) What rhyming pattern has the author used in the song?

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## **Writing**

Below are one shorter and two longer tasks for you to complete. The shorter tasks should take around 20 minutes. The longer task should take about 45 minutes.

### **Shorter task - Creature Spotter**

You are out walking through Uplands Park one day when you see a creature sitting in some bushes not far off. Not having taken a camera with you to the park, you will need to write a descriptive passage of what the creature looks like.

### **Longer task 1 - A Play Script**

Your task is to write a playscript or to continue the play script set out below.

Joe: (pleading) Dad, can you buy me this new toy please?

Dad: I don't know. It depends what it is.

Mum: And how much it costs.

### **Longer task 2 - A Story**

Set your creative juices flowing. Write an awesome story with a great beginning, build up, problem, resolution and ending.

## Spelling, Punctuation and Grammar (SPAG)

Below are some questions for you to complete.  
Afterwards there are some SPAG challenges to complete.

Which sentence uses **capital letters** correctly?

From april, Swimming Lessons will take place o tuesdays.

From April, Swimming Lessons will take place on Tuesdays.

From april, swimming lessons will take place on Tuesdays.

From April, swimming lessons will take place on Tuesdays.

Guidance: All proper nouns need capital letters. The proper nouns in the sentences above are:

\_\_\_\_\_ and \_\_\_\_\_

Insert **commas** into the correct places in the sentence below.

I have three pens a rubber two sharp pencils and a yellow pencil case.

Guidance: Commas separate items in a list. There should be a comma between each thing in the list **except the last two**. The last two items are separated with 'and' or 'or'.

Write a suitable **question** to fit the answer below. Remember to use correct punctuation - yes that does include capital letters.

*'She has a pet dog.'*

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Rearrange the words in the question below to make it a **statement**.

**Do not use additional words.**

**Punctuate your sentence correctly.**

*Is this book new?*

---

Circle **all the articles** in the sentence below.

Josh longed for a cold drink in the hot weather.

Guidance: An **article** is a kind of adjective which is always used with and gives some information about a noun. There are only two **articles** 'a' and 'the', but



they are used very often and are important for using English accurately.

Circle the **adjective** in the sentence below.

Gareth waited nervously behind the curtains before he walked onto the empty stage.

Guidance: An **adjective** describes a noun. Identify the nouns and it is easy to identify the adjectives.

Hint: There are three nouns in the above sentence.

### SPAG Challenges:

Prefixes are a letter or group of letters that can be added to the beginning of a word to make a new word.

Trans + form = transform.

Trans is the prefix. Form is the root word.

Transform is the new word that is made.

1) Find out the meaning of the following prefixes and write some words that use them.

<b>Prefix</b>	<b>Meaning</b>	<b>Words with the prefix</b>
Trans		
Bi		
Tri		
Semi		
Aero		
Micro		
Photo		