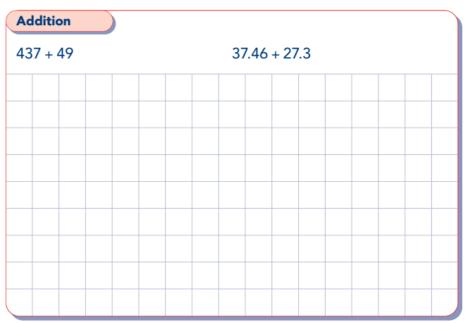


# Year 6 - 7 Maths Transition Booklet

The Maths department wanted to send you a big hello and say how excited they are to meet you all in September!

We know it has been a strange time for you, and we are going to miss meeting you in the Summer term, so we thought you might like some maths challenges to have a go at before you arrive. You can either print it out or if this is not possible, complete the tasks on a piece of paper. You can hand this in to your maths teacher in September and receive some rewards – so, just have a go!

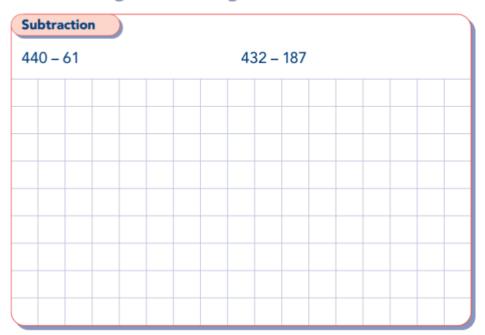
Name: -	
itallic	



A 2+6	B 12 + 24	<b>C</b> 91 + 81	D 74 + 28
<b>E</b> 98 + 55	F + 33 = 97	<b>G</b> 179 + 361	<b>H</b> 894 + 317
520 + =844	J 3.1 + 5.2	<b>K</b> 3.5 + <u> </u> = 4.8	L 12.45 + 7.46
M 35 + 45.67	N 5.1 + 7.12 + 15.8	0 26.74 + 58.3	P 63.8 + 23.71 + 5

1.	If the Eifel tower is 298m tall and the London Shard is 309m. What is their combined height?
2.	James has £467 in the bank, he pays what is left of his birthday money to it. If he pays in his £45.57, how much does he have in total?
3.	Ryan goes shopping. In the first shop he spends £66.73, in the second £25, the third £156 and £14.56 in the last shop. How much money does he spend total?
p	ot the mistake.

+ 238	+ 238
1487	<u>526</u>
3867	<u>754</u>
+ 5	+ 438
2.3	<u>21.6</u>
2.8	<u>65.4</u>

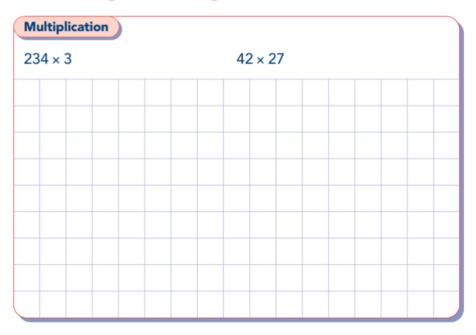


A 8-3	<b>B</b> 36 - 24	C 47 - 18	<b>D</b> 74 - 56
<b>E</b> 100 - 58	F 33 = 45	<b>G</b> 798 - 268	<b>H</b> 1012 - 389
844 - = 541	<b>J</b> 8.7 - 6.5	<b>K</b> 3.5 - = 1.2	L - 3.6 = 9.7
M 74.63 – 17.21	N 6-2.4	O 78.54 – 13.6	P 586 – 85.31

1.	The London Eye is 117m tall and BT tower is 190m tall. How much taller is the BT tower than the London Eye?
2.	If the distance from Cardiff to London is 172miles and Amy has driven 87 miles. How many miles has Amy got left before she reaches London?
3.	Alex is checking the addition of 2 numbers. The ANSWER is 843, one of the numbers is 591, what is the other number in the sum?

# Spot the mistake.

6783-	567 –
47	138
2383	431
83.69 –	8532-
782.7	23.1
54.2	830.1



A 8x7	B 12 x 10	C 11 x 12	D 134 x 2
<b>E</b>	F 361 x 5	<b>G</b> 426 x 4	H 243 x = 486
l 672 x 7	J 2456 x 5	<b>K</b> 24 x 12	L 68 x 47
M 384 x 67	N 34.5 x 3	O 57.24 x 3	P 465.78 x 8

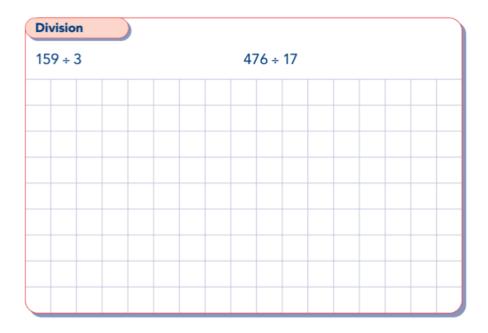
38.4x

23.04

1. H	1. How many days in 17 weeks?	
2.	If eggs are packed in boxes of 6. How	many eggs altogether in 248 boxes?
	3. Dylan gets paid £5.75 every evening to do a paper round. How much does he earn if he competes the round every evening in May?	
þ	ot the mistake.	
4	15x	85.35 x
	3	6
L21	<u>5</u>	<u>51210</u>

352x

<u>1409</u>



A 8÷2	<b>B</b> 35 ÷ □ = 5	C 36÷9	D : 7 = 8
E 72 ÷ 3	F : 8 = 13	<b>G</b> 130 ÷ 10	H 168÷7
I 52 ÷	J 258 ÷ 8	K 121 ÷ = 11	L 1655 ÷ 5
M 2392 ÷4	N 12.45 ÷ 5	O 145.18 ÷ 2	P 6205.35 ÷ 3

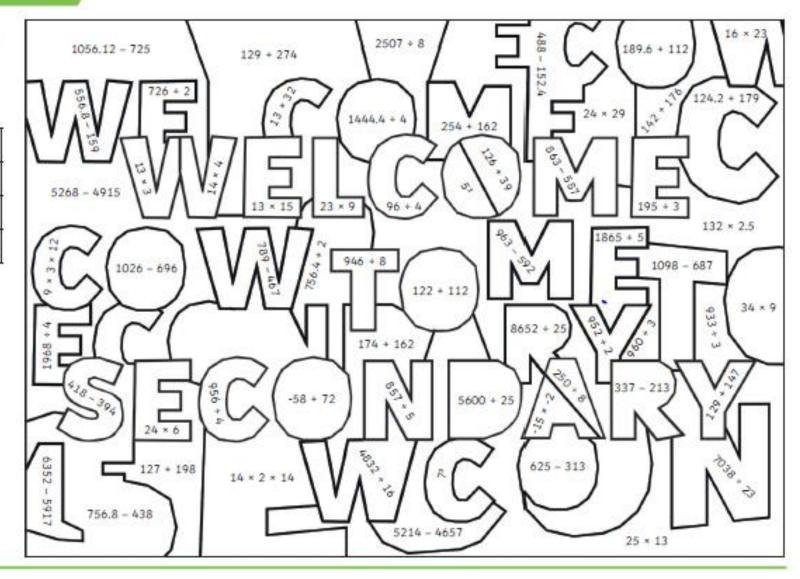
1.	each get?	
2.	3600 football supporters want to go to an passengers. How many coaches would the	
3.	Fin buys sherbet straws from the newsage many straws has he bought?	nts. They cost 4p each and he spends £1.12. How
p	ot the mistake.	
	<u>201</u> 523	1095 5 547.5
) כ	)ZJ	J  J47.J
3   5	31 <del>0</del> 03	14 9 135
- I		J <sub>1</sub> 133

### Colour by Number

### Instructions

Calculate each answer then use the key to shade each section in the correct colour.

Red	0-100
Yellow	101-200
Orange	201-300
Blue	301 or more



### The Value of Words

### Instructions

Use the key to calculate the value of each word, in pounds. The first question has been completed for you.

Α	В	С	D	Ε	F	G	Н	Ι	J	K	L	М	N	0	P	φ	R	S	Т	U	V	W	Х	У	Z
50p	£1.03	£0.62	£0.15	10p	72p	22p	£0.15	80.03	£1.21	£2.50	£1.08	42p	£0.78	£0.05	£1.65	£3.00	45p	68p	£0.18	95p	£0.27	£1.11	£1.85	£2.05	£2.88

T
£0.78 + 95p + 42p + £1.03 + 10p + 45p = £3.73

13 SUM						
10 TOTAL						
13 PRODUCT						
13 CALCULATOR						
Extension  Does the longest word have the	largest value?					
Does the shortest word have the smallest value?						
Create a mathematical word wi	hich has a bigger value than any of the words in the list.					

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### Times Table and Division Challenge

Complete each question without a calculator.

4 × 5	
9 × 8	
7 × 2	
12 × 11	
10 × 9	
13 × 3	
2 × 12	
4 × 6	
7 × 8	
2 × 11	
9 × 7	
11 × 9	
8 × 4	
12 × 9	
5 × 6	
7 × 4	
3 × 8	
9 × 6	
8 × 1	
0 × 7	
	·

108 ÷ 9	
72 ÷ 6	
35 ÷ 5	
40 ÷ 8	
28 ÷ 4	
66 ÷ 11	
144 ÷ 12	
36 ÷ 2	
45 ÷ 5	
99 ÷ 9	
120 ÷ 10	
84 ÷ 6	
96 ÷ 8	
48 ÷ 6	
49 ÷ 7	
21 ÷ 3	
16 ÷ 2	
12 ÷ 4	
15 ÷ 5	
60 ÷ 12	

2 × 13	
3 × 12	
11 × 7	
6 × 12	
8 × 5	
5 × 12	
15 × 2	
3 × 20	
2 × 18	
3 × 4	
4 × 4	
0 × 5	
2 × 6	
3 × 9	
7 × 12	
13 × 11	
10 × 9	
15 × 10	
13 × 4	
2 × 14	

65 ÷ 5	
2 ÷ 2	
8 ÷ 4	
25 ÷ 5	
56 ÷ 8	
77 ÷ 11	
117 ÷ 9	
132 ÷ 12	
169 × 13	
156 ÷ 12	
35 ÷ 7	
42 ÷ 6	
54 ÷ 9	
63 ÷ 7	
48 ÷ 4	
30 ÷ 5	
40 ÷ 10	
88 ÷ 8	
130 ÷ 10	
121 ÷ 11	

### Addition and Subtraction Challenge

Complete each question without a calculator.

45 + 101	
23 + 27	
68 + 43	
112 + 45	
145 + 62	
132 + 98	
43 + 56	
98 + 35	
114 + 232	
101 + 98	
85 + 67	
42 + 55	
109 + 156	
246 + 398	
312 + 497	
458 + 984	
1092 + 48	
456 + 86	
549 + 290	
236 + 641	
1032 + 1067	

67 – 34	
98 – 55	
104 - 89	
256 - 87	
567 - 314	
312 - 49	
687 - 563	
981 – 607	
604 - 239	
345 - 268	
938 – 412	
656 - 437	
298 - 131	
385 - 215	
1085 - 617	
2567 - 678	
9875 - 567	
2050 - 498	
114 - 89	
262 - 119	
562 - 229	

1088 + 478	
2056 + 789	
295 + 498	
312 + 714	
896 + 747	
409 + 6802	
608 + 7897	
2145 + 421	
3987 + 318	
803 + 746	
1043 + 157	
952 + 986	
475 + 9042	
1037 + 2498	
5682 + 492	
632 + 1084	
783 + 209	
6013 + 549	
619 + 8014	
378 + 504	
409 + 656	

4506 - 216	
9997 - 658	
2054 - 417	
1081 - 804	
670 - 487	
248 - 119	
902 - 675	
9783 - 406	
8962 - 434	
786 – 387	
962 - 908	
4894 - 1394	
561 - 416	
896 - 516	
7845 - 2478	
2398 - 1304	
9987 - 4377	
9832 - 984	
736 - 698	
295 - 117	
8978 - 3659	

