Name	
Form	
Teacher	

Maths
Homework Booklet

Year 7c Autumn

Title	Hand in date	Score achieved
Place value		
Decimals: Money - 1		
Decimals: Money - 2		
Money: Using a calculator - 1		
Money: Using a calculator - 2		
Mixed A		
Mixed B		
Mixed C		
Mixed D		
Mixed E		
Mixed F		
Mixed G		

Place value

What is the value of the '6' in these figures?

1   36   1........................ ☐

2   268   2........................ ☐

3   640   3........................ ☐

4   306   4........................ ☐

5   699   5........................ ☐

6   168   6........................ ☐

Which is the largest number in each list?

7   382   801   266   399   7........................ ☐

8   300   781   684   209   8........................ ☐

9   573   399   700   638   9........................ ☐

10   99   87   108   137   10....................... ☐

Which is the smallest number in each list?

11   77   103   819   683   11....................... ☐

12   800   803   555   699   12....................... ☐

13   98   103   112   89   13....................... ☐

14   708   780   870   807   14....................... ☐

Place these numbers in order, smallest first:

15   377   200   307   283   15....................... ☐

16   638   609   599   611   16....................... ☐

17   378   801   380   199   17....................... ☐

Place these numbers in order, largest first:

18   88   103   97   110   18....................... ☐

19   386   207   431   298   19....................... ☐

20   989   992   999   899   20....................... ☐

Decimals: Money – 1

Write each sum of money in figures:

1   £1 + £1 + 20p + 20p + 10p + 2p   1 £ .... ☐

2   £1 + £1 + 10p + 10p + 5p   2 £ .... ☐

3   £1 + 20p + 10p + 5p + 5p + 5p   3 £ .... ☐

4   £1 + £1 + £1 + £1 + 5p + 5p + 2p   4 £ .... ☐

5   £1 + 20p + 5p + 5p + 2p + 2p   5 £ .... ☐

6   20p + 20p + 10p + 10p   6 £ .... ☐

7   £1 + 20p + 20p + 1p   7 £ .... ☐

8   £1 + £1 + 2p + 1p + 1p   8 £ .... ☐

Use a calculator to work out these sums:

9   £3.72 + £2.16   9 £ .... ☐

10   £4.38 + £2.17   10 £ .... ☐

11   £6.81 – £3.93   11 £ .... ☐

12   £8.71 – £3.99   12 £ .... ☐

13   £1.37 + £1.85   13 £ .... ☐

14   £4.28 + £0.93   14 £ .... ☐

15   £5.73 – £1.33   15 £ .... ☐

16   £4.28 – £2.30   16 £ .... ☐

Decimals: Money – 2

Do not use a calculator.

Work out the change from a £5 note if you spend the following amounts:

1   24p   1 £ .... ☐

2   72p   2 £ .... ☐

3   6p   3 £ .... ☐

4   £2.21   4 £ .... ☐

5   £3.20   5 £ .... ☐

6   £4   6 £ .... ☐

7   £1.27   7 £ .... ☐

8   £2.98   8 £ .... ☐

9   £4.29   9 £ .... ☐

10 £2.30   10 £ .... ☐

Work out the change from a £1 coin if you spend the following amounts:

11 27p   11 £ .... ☐

12 36p   12 £ .... ☐

13 70p   13 £ .... ☐

14 £0.38   14 £ .... ☐

15 £0.74   15 £ .... ☐

16 £0.60   16 £ .... ☐

Work out the change from a £10 note if you spend the following amounts:

17 £8.81   17 £ .... ☐

18 £6.37   18 £ .... ☐

19 £3.43   19 £ .... ☐

20 37p   20 £ .... ☐

Money: Using a calculator – 1

How much change is received from a £5 note if the following amounts of money are spent?

1 38p

2 6p

3 70p

4 £3.28

5 £2.30

6 £1.96

1 £ .... ☐

2 £ .... ☐

3 £ .... ☐

4 £ .... ☐

5 £ .... ☐

6 £ .... ☐

For questions 8 to 15:

a Find the cost of the following

b How much change is received from a £10 note?

7 Four coffees at 27p each

7a £ .... ☐

7b £ .... ☐

8 Seven pencils at 17p each

8a £ .... ☐

8b £ .... ☐

9 Ten teas at 18p each

9a £ .... ☐

9b £ .... ☐

10 Six pens at 39p each

10a £ .... ☐

10b £ .... ☐

11 Five colas at £0.45 each

11a £ .... ☐

11b £ .... ☐

12 Three rulers at £1.30 each

12a £ .... ☐

12b £ .... ☐

13 Nine tins of soup at £0.27 each

13a £ .... ☐

13b £ .... ☐

14 Two books at £1.99 each

14a £ .... ☐

14b £ .... ☐

15 Three cakes at £0.32 each

15a £ .... ☐

15b £ .... ☐

Money: Using a calculator – 2

How much change is received from a £5 note if the following items are bought?

1	Three teas	1 £	☐
2	Tea, burger and cake	2 £	☐
3	Cola and burger	3 £	☐
4	Four cakes	4 £	☐
5	Two cakes, three coffees	5 £	☐
6	Tea, cola, coffee and cake	6 £	☐

Menu

Tea	£0.27
Coffee	£0.38
Cola	£0.42
Cake	£0.75
Burger	£0.99

Find the cost of the following:

7	Six books at £6.99 each	7 £	☐
8	Nine chairs at £16.05 each	8 £	☐
9	15 desks at £28.30 each	9 £	☐
10	12 plant pots at 78p each	10 £	☐
11	16 cakes at 23p each	11 £	☐
12	23 fence posts at £3.68 each	12 £	☐
13	30 rulers at £0.72 each	13 £	☐
14	Six stools cost £43.50. Find the cost of one stool.	14 £	☐
15	Three armchairs cost £146.97. Find the cost of one armchair.	15 £	☐
16	Ten books £69.50. Find the cost of one book.	16 £	☐
17	14 pencils cost £3.22. Find the cost of one pencil.	17 £	☐
18	22 tables cost £278.30. Find the cost of one table.	18 £	☐
19	28 rulers cost £11.20. Find the cost of one ruler.	19 £	☐
20	30 pens cost £29.70. Find the cost of one pen.	20 £	☐

Mixed A

1. What number is two less than nine hundred and one?		11. Divide ninety by three.	
2. Multiply fifteen by ten.		12. 7 x 10 = 82 - ?	
3. What is one thousand minus one hundred and ten?		13. Subtract twenty-one from one hundred.	
4. What is three hundred and twenty-six to the nearest ten.		14. Add together thirteen, forty-seven and twenty-one.	
5. What temperature is 10 degrees less than 6 degrees Celsius?		15. What must be added to eighty-three to make one hundred?	
6. Write down the next two numbers. 3 , 6 , 9 , … , …		16. One orange costs nineteen pence. How much will three oranges cost?	
7. What is one-fifth of twenty-five?		17. How many hours are there in two days?	
8. What is two and a half added to four and a half?		18. What is the total of 132 and 239?	
9. Multiply eight by four.		19. Add together eight and seven, then multiply the result by four.	
10. What is three times three added to four times four?		20. How many five pence pieces are there in sixty-five pence?	

Mixed B

1. What number is three less than five hundred and one?		11. Divide 120 by 3.	
2. Multiply twenty two by ten.		12. 7 x 6 = 30 + ?	
3. What is one thousand minus two hundred and one?		13. Subtract thirty-two from sixty-five.	
4. Write two hundred and thirteen to the nearest ten.		14. Add together thirteen, thirty-four and twenty-one.	
5. What temperature is 6 degrees less than 4 degrees Celsius?		15. What must be added to eighty-three to make one hundred?	
6. Write down the next two numbers. 22 , 27 , 32 , … , …		16. One orange costs sixteen pence. How much will four oranges cost?	
7. What is one-third of twenty-four?		17. How many hours are there in one and a half days?	
8. What is one and a half added to three and a half?		18. What is the total of 112 and 169?	
9. Multiply six by three.		19. Add together six and nine, then multiply the result by four.	
10. What is three times four added to six times two?		20. How many ten pence pieces are there in one pound and sixty pence?	

Mixed C

1. What number is six less than three hundred and one?		11. Divide 120 by 4.	
2. Multiply thirty five by ten.		12. 9 x 6 = 30 + ?	
3. What is one thousand minus one hundred and one?		13. Subtract twenty-four from sixty-five.	
4. Write two hundred and fifty six to the nearest ten.		14. Add together 14 , 23 and 32.	
5. What temperature is 6 degrees less than 2 degrees Celsius?		15. What must be added to seventy-six to make one hundred?	
6. Write down the next two numbers. 2 , 3 , 5 , 8 , 12 , … , …		16. One orange costs fifteen pence. How much will three oranges cost?	
7. What is one-fifth of thirty-five?		17. How many days are in the month of June?	
8. What is one and a quarter added to three and a quarter?		18. What is the total of 126 and 155?	
9. What is the product of 6 and 8?		19. Find the sum of six and three, then multiply the result by five.	
10. What is three times two added to six times five?		20. How many ten pence pieces are there in two pounds and forty pence?	

Mixed D

1. What number is three less than five hundred and one?		11. Divide 150 by 3.	
2. Multiply nineteen by ten.		12. 7 x 5 = 80 - ?	
3. What is one thousand subtract three hundred and fifty?		13. Subtract seventy-eight from one hundred.	
4. What is one hundred and fifty-two to the nearest ten.		14. Add together fifteen, twenty-six and forty-five.	
5. What temperature is 5 degrees less than 4 degrees Celsius?		15. What must be added to thirty-seven to make one hundred?	
6. Write down the next two numbers. 31 , 26 , 21 , … , …		16. One orange costs sixteen pence. How much will three oranges cost?	
7. What is one-quarter of twenty?		17. How many minutes are there in two hours?	
8. What is two and a half added to nine and a half?		18. What is the total of 162 and 253?	
9. Multiply six by four.		19. Add together three and four, then multiply the result by six.	
10. What is five times three added to two times four?		20. How many five pence pieces are there in one pound and ten pence?	

Mixed E

1. What number is three less than six hundred and two.		11. Divide 180 by 6.	
2. Divide six hundred and eighty by ten.		12. ☐ x 6 = 60 - 36	
3. What is one thousand minus four hundred and one?		13. Subtract thirty-four from seventy-one.	
4. Write three hundred and eighty-six to the nearest ten.		14. Add together eleven, seventeen and twenty-nine.	
5. What temperature is 6 degrees more than -2 degrees Celsius?		15. What must be added to fifty-six to make one hundred?	
6. Write down the next two numbers. 42 , 45 , 48 , ... , ...		16. One orange costs 23p. How much will four oranges cost?	
7. What is one-sixth of forty-two?		17. How many days are there in three weeks?	
3.4 8. What is one and a quarter added to two and three-quarters?		*3.12* 18. What is the total of 164 and 93?	
9. Multiply nine by three.		19. Add together six and eight, then multiply the result by three.	
10. What is five times four added to six times three?		20. How many five pence pieces are there in sixty pence?	

Mixed F

1. 402 - 3		11. 180 ÷ 6.	
2. 178 x 10 =		12. 5 x 6 = 90 ÷ _____	
3. 1000 - 301		13. 79 - 26	
4. Write 217 to the nearest 10.		14. 21 + 19 + 26.	
5. What temperature is 10 degrees less than 6 degrees Celsius?		15. What must be added to 36 to make 100?	
6. Write down the next two numbers. 101 , 95 , 89 , 83 , ... , ...		16. One orange costs nineteen pence. How much will three oranges cost?	
7. What is $\frac{1}{7}$ of 49?		17. How many days are in the months of March and April altogether?	
8. What is $1\frac{1}{4}$ + $2\frac{1}{4}$		18. What is 146 + 65?	
9. 6 x 9		19. Find the total of 6 + 9, then multiply the result by 3.	
10. What is 3 x 6 added to 7 x 5?		20. How many 5p pieces are there in £ 1.55?	

Mixed G

1. What is one thousand minus five hundred and one?		11. Divide 280 by 4.	
2. What temperature is 10 degrees less than 6 degrees Celsius?		12. 6 x 4 = 39 - ?	
3. Write down the next two numbers. 11 , 18 , 25 , 32 , … , …		13. Subtract 19 from 74.	
4. What is one-sixth of fifty-four?		14. What must be added to 43 to make one hundred?	
5. What is 3 x 5 added to 8 x 6 ?		15. One orange costs 23p. How much will three oranges cost?	
6. What are the next two numbers? -15 , -11 , -7 , … , …		16. ☐ + 15 = 240 ÷ 4	
7. Two factors of 20 add up to 9. What are they?		17. (8 x 7) - (4 x 3) =	
8. Multiply 1.05 by 100.		18. What is 48 divided by 8?	
9. Which is the biggest number? 1.23 0.31 1.03 0.303 1.13		19. What number is half-way between six and thirty-two?	
10. Four sweets cost 36p altogether. How much do seven sweets cost?		20. The coordinates of a square are; (5,2), (8,2), (8,5) and (?,?)	