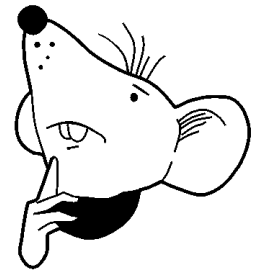
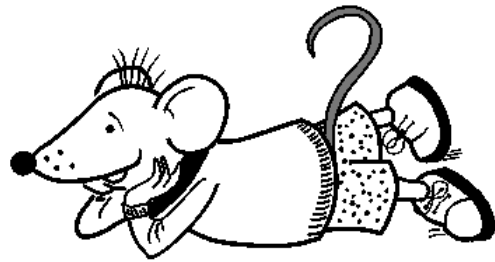
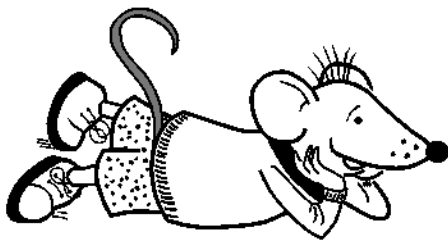


MENTAL ARITHMETIC



YEAR 2

SPRING TERM



MathSphere

MENTAL ARITHMETIC : YEAR 2 : SPRING TERM : WEEK 1

Paper 1	Answer	Paper 2	Answer
1. What tens number comes after 50?	60	1. What tens number comes after 80?	90
2. What tens number comes before 100?	90	2. What tens number comes before 50?	40
3. Count back two tens from 52.	32	3. Count back two tens from 62.	42
4. Count back three tens from 32.	2	4. Count back three tens from 75.	45
5. Count on in tens from 30 to 80. How many did you count?	5 tens	5. Count on in tens from 50 to 90. How many did you count?	4 tens
6. Count back in tens from 70 to 20. How many did you count?	5 tens	6. Count back in tens from 60 to 10. How many did you count?	5 tens
7. What is ten more than 54?	64	7. What is ten more than 46?	56
8. What is ten less than 34?	24	8. What is ten less than 71?	61
9. 70 is ten more than what number?	60	9. 50 is ten more than what number?	40
10. 32 is ten more than what number?	22	10. 43 is ten more than what number?	33
Comment:		Comment:	

MENTAL ARITHMETIC : YEAR 2 : SPRING TERM : WEEK 2

Paper 3	Answer	Paper 4	Answer
1. 37 add 10.	47	1. 42 add 10.	52
2. Add 60 to 40.	100	2. Add 70 to 30.	100
3. 6 plus 12.	18	3. 7 plus 11.	18
4. What is the sum of 7 and 14?	21	4. What is the sum of 8 and 15?	23
5. What is the total of 7, 3 and 5.	15	5. What is the total of 6, 4 and 4.	14
6. 9 take away 3.	6	6. 8 take away 5.	3
7. Take 10 from 60.	50	7. Take 10 from 30.	20
8. 15 subtract 4.	11	8. 17 subtract 6.	11
9. What is 4 less than 10?	6	9. What is 5 less than 10?	5
10. How many more is 10 than 3?	7	10. How many more is 10 than 6?	4
Comment:		Comment:	

MENTAL ARITHMETIC : YEAR 2 : SPRING TERM : WEEK 3

Paper 5	Answer	Paper 6	Answer
1. 49 add 10.	59	1. 57 add 10.	67
2. Add 10 to 90.	100	2. Add 80 to 20.	100
3. 7 plus 13.	20	3. 6 plus 14.	20
4. What is the sum of 16 and 4?	20	4. What is the sum of 13 and 7?	20
5. What is the total of 19, 1 and 0?	20	5. What is the total of 12, 8 and 1?	21
6. 12 take away 11.	1	6. 14 take away 12.	2
7. Take 10 from 42.	32	7. Take 10 from 51.	41
8. 14 subtract 5.	9	8. 11 subtract 0.	11
9. What is 3 less than 10?	7	9. What is 6 less than 10?	4
10. How many more is 11 than 8?	3	10. How many more is 12 than 7?	5
Comment:		Comment:	

MENTAL ARITHMETIC : YEAR 2 : SPRING TERM : WEEK 4

Paper 7	Answer	Paper 8	Answer
1. I think of a number. Halve it. The answer is 2. What is my number?	4	1. I think of a number. Halve it. The answer is 4. What is my number?	8
2. I think of a number. Halve it. The answer is 5. What is my number?	10	2. I think of a number. Halve it. The answer is 6. What is my number?	12
3. 8 sweets were shared equally between 2 children. How many did they get each?	4	3. 12 sweets were shared equally between 2 children. How many did they get each?	6
4. 10 chocolates were shared equally between Jo and Sam. How many did they get each?	5	4. 6 chocolates were shared equally between Jo and Sam. How many did they get each?	3
5. 2 boys have 8 comics each. How many do they have altogether?	16	5. 2 girls have 10 magazines each. How many do they have altogether?	20
6. 7 people are on a bus. When it stops 2 get off and 1 gets on. How many people are now on the bus?	6	6. 8 people are on a bus. When it stops 3 get off and 1 gets on. How many people are now on the bus?	6
7. 6 people are on a train. At the station 1 gets off and 4 get on. How many are now on the train?	9	7. 10 people are on a train. At the station 2 get off and 3 get on. How many are now on the train?	11
8. Write 125p as pounds.	£1.25	8. Write 135p as pounds.	£1.35
9. Write 112p as pounds.	£1.12	9. Write 116p as pounds.	£1.16
10. How many pence in £1 ?	100p	10. How many pence in £2 ?	200p
Comment:		Comment:	

MENTAL ARITHMETIC : YEAR 2 : SPRING TERM : WEEK 5

Paper 9	Answer	Paper 10	Answer
1. Two pieces of string are each 10 cm long. How long are they altogether?	20 cm	1. Two pieces of string are each 20 cm long. How long are they altogether?	40 cm
2. One piece of rope is 10 cm long and another is 5 cm long. How long are they altogether?	15 cm	2. One piece of rope is 10 cm long and another is 8 cm long. How long are they altogether?	18 cm
3. A bucket holds 10 litres of water. How many 2 litre jugs can be filled from the bucket?	5	3. A bucket holds 15 litres of water. How many 5 litre jugs can be filled from the bucket?	3
4. I am thinking of a number. Halve it and the answer is 3. What is my number?	6	4. I am thinking of a number. Halve it and the answer is 1. What is my number?	2
5. I am thinking of a number. Double it and the answer is 12. What is my number?	6	5. I am thinking of a number. Double it and the answer is 20. What is my number?	10
6. 14 marbles are shared equally between 2 children. How many do they get each?	7	6. 16 marbles are shared equally between 2 children. How many do they get each?	8
7. 10 people are on a coach. When it stops 2 get off and 4 get on. How many are now on the coach?	12	7. 10 people are on a coach. When it stops 1 get off and 5 get on. How many are now on the coach?	14
8. Write 110p as pounds.	£1.10	8. Write 120p as pounds.	£1.20
9. Write 136p as pounds.	£1.36	9. Write 154p as pounds.	£1.54
10. Write 200p as pounds.	£2 or £2.00	10. Write 300p as pounds.	£3 or £3.00
Comment:		Comment:	

MENTAL ARITHMETIC : YEAR 2 : SPRING TERM : WEEK 6

Paper 11	Answer	Paper 12	Answer
1. Sam has two 20p stamps. What is the total value of his stamps?	40p	1. Amy has three 20p stamps. What is the total value of her stamps?	60p
2. Alex has three 10p stamps. What is the total value of his stamps?	30p	2. Alex has four 10p stamps. What is the total value of his stamps?	40p
3. A bar of chocolate costs 15p. How much will two bars cost?	30p	3. A bar of chocolate costs 25p. How much will two bars cost?	50p
4. A packet of crisps costs 20p. How much will two packets cost?	40p	4. A packet of crisps costs 20p. How much will three packets cost?	60p
5. I have a 50p piece, 10p and 1p. How much have I altogether?	61p	5. I have a 50p piece, 20p and 1p. How much have I altogether?	71p
6. I have two 20p pieces and a 10p piece. How much have I altogether?	50p	6. I have two 20p pieces and a 5p piece. How much have I altogether?	45p
7. What is half of 40p?	20p	7. What is half of 50p?	25p
8. What is half of 60p?	30p	8. What is half of 80p?	40p
9. What is double 12p?	24p	9. What is double 14p?	28p
10. What is double 15p?	30p	10. What is double 25p?	50p
Comment:		Comment:	

MENTAL ARITHMETIC : YEAR 2 : SPRING TERM : WEEK 7

Paper 13	Answer	Paper 14	Answer
1. Count on 4 from 58.	62	1. Count on 4 from 75.	79
2. Count back 4 from 32.	28	2. Count back 4 from 41.	37
3. Count on from 78 to 82. How many did you count?	4	3. Count on from 67 to 72. How many did you count?	5
4. Count back from 42 to 37. How many did you count?	5	4. Count back from 51 to 48. How many did you count?	3
5. Which of these numbers are even? 41, 4, 43, 44, 45	4 and 44	5. Which of these numbers are even? 23, 24, 25, 26, 27	24 and 26
6. Which of these numbers are odd? 15, 16, 17, 18	15 and 17	6. Which of these numbers are odd? 27, 28, 29, 30	27 and 29
7. What number comes next in this sequence? 0, 4, 8, 12, ?	16	7. What number comes next in this sequence? 10, 20, 30, 40, ?	50
8. What number comes next in this sequence? 20, 16, 12, 8, ?	4	8. What number comes next in this sequence? 100, 90, 80, 70, ?	60
9. Which of these numbers is a multiple of two? 1, 21, 12, 19	12	9. Which of these numbers is a multiple of two? 3, 17, 4, 99	4
10. Which of these numbers is a multiple of ten? 44, 42, 40, 48	40	10. Which of these numbers is a multiple of ten? 50, 62, 73, 84	50
Comment:		Comment:	

MENTAL ARITHMETIC : YEAR 2 : SPRING TERM : WEEK 8

Paper 15	Answer	Paper 16	Answer
1. Which is less: 43 or 34?	34	1. Which is less: 76 or 67?	67
2. Which is more: £1.50 or 100p?	£1.50	2. Which is more: £1.20 or 80p?	£1.20
3. Count on from 42 to 48. How many did you count?	6	3. Count on from 53 to 60. How many did you count?	7
4. Colin has 16p. Ann has 6p. How much more than Ann does Colin have?	10p	4. Di has 17p. Dennis has 7p. How much more than Dennis does Di have?	10p
5. What is 10p more than 48p?	58p	5. What is 10p more than 62p?	72p
6. What is 10p more than 60p?	70p	6. What is 10p more than 70p?	80p
7. What number is 10 before 71?	61	7. What number is 10 before 26?	16
8. What number is 10 after 25?	35	8. What number is 10 after 33?	43
9. What is the nearest whole ten to 51?	50	9. What is the nearest whole ten to 61?	60
10. What is the nearest whole ten to 86?	90	10. What is the nearest whole ten to 49?	50
Comment:		Comment:	

MENTAL ARITHMETIC : YEAR 2 : SPRING TERM : WEEK 9

Paper 17	Answer	Paper 18	Answer
1. What is the nearest whole ten to 7?	10	1. What is the nearest whole ten to 9?	10
2. What is the nearest whole ten to 66?	70	2. What is the nearest whole ten to 77?	80
3. 4 times 2.	8	3. 3 times 2.	6
4. 6 times 2.	12	4. 5 times 2.	10
5. 5 multiplied by 2.	10	5. 2 multiplied by 2.	4
6. 7 multiplied by 2.	14	6. 8 multiplied by 2.	16
7. Multiply 2 by 1.	2	7. Multiply 2 by 10.	20
8. Multiply 8 by 2.	16	8. Multiply 9 by 2.	18
9. How many twos in 6?	3	9. How many twos in 8?	4
10. How many twos in 4?	2	10. How many twos in 10?	5
Comment:		Comment:	

MENTAL ARITHMETIC : YEAR 2 : SPRING TERM : WEEK 10

Paper 19	Answer	Paper 20	Answer
1. What are two fours?	8	1. What are two fives?	10
2. What are two twos?	4	2. What are two threes?	6
3. 2 times 8.	16	3. 2 times 7.	14
4. 2 times 6.	12	4. 2 times 10.	20
5. 2 multiplied by 9.	18	5. 2 multiplied by 4.	8
6. 2 multiplied by 1.	2	6. 2 multiplied by 0.	0
7. Multiply 2 by 5.	10	7. Multiply 2 by 2.	4
8. Multiply 2 by 7.	14	8. Multiply 2 by 8.	16
9. How many twos in 8?	4	9. How many twos in 4?	2
10. How many twos in 10?	5	10. How many twos in 6?	3
Comment:		Comment:	

MENTAL ARITHMETIC : YEAR 2 : SPRING TERM : WEEK 11

Paper 21	Answer	Paper 22	Answer
1. 7 times 2.	14	1. 6 times 2.	12
2. Double 9.	18	2. Double 10.	20
3. How many twos in 12?	6	3. How many twos in 14?	7
4. How many centimetres in a metre?	100 cm	4. How many centimetres in two metres?	200 cm
5. Chris has a model car 15 cm long. Jim's car is 20 cm long. How much longer is Jim's car than Chris's?	5 cm	5. Gary has a model car 20 cm long. Dan's car is 30 cm long. How much longer is Dan's car than Gary's?	10 cm
6. Jill has a model boat 30 cm long. June's boat is 40 cm long. How much longer is June's boat than Jill's?	10 cm	6. Jack has a model boat 40 cm long. Mandy's boat is 50 cm long. How much longer is Mandy's boat than Jack's?	10 cm
7. How many minutes in one hour?	60	7. How many seconds in one minute?	60
8. How many minutes in half an hour?	30	8. How many seconds in half a minute?	30
9. A film started at 2 o'clock and finished at half past four. How long did it last?	Two and a half hours.	9. A film started at 3 o'clock and finished at half past four. How long did it last?	One and a half hours
10. Write £1.45 as pence.	145p	10. Write £2.50 as pence.	250p
Comment:		Comment:	

MENTAL ARITHMETIC : YEAR 2 : SPRING TERM : WEEK 12

Paper 23	Answer	Paper 24	Answer
1. There were 12 biscuits on a plate. Parveen ate half of them. How many were left?	6	1. There were 14 biscuits on a plate. Darren ate half of them. How many were left?	7
2. Carla and Ria shared 18p equally between them. How much did they each get?	9p	2. Adam and Phil shared 30p equally between them. How much did they each get?	15p
3. What is a quarter of 4?	1	3. What is a quarter of 8?	2
4. What is a quarter of 12?	3	4. What is a quarter of 16?	4
5. How long is it from 4 o'clock until 5.30?	1½ hours	5. How long is it from 3 o'clock until 6.30?	3½ hours
6. How long is it from midday until 4 o'clock in the afternoon?	4 hours	6. How long is it from midday until 2.30 in the afternoon?	2½ hours
7. Playtime started at eleven o'clock and finished at a quarter past eleven. How many minutes did it last?	15 minutes	7. Lunchtime started at 12.30 and finished at a 1.30. How many minutes did it last?	60 minutes
8. Eric bought three bars of his favourite chocolate at 15p each. How much did he spend?	45p	8. Sunita bought four bars of her favourite chocolate at 15p each. How much did she spend?	60p
9. Sally's favourite TV programme started at 6 o'clock and finished at half past 8. How long did it last?	2½ hours	9. Ria's favourite TV programme started at 5 o'clock and finished at half past 5. How long did it last?	30 minutes or half an hour
10. Lucy walked across the park. She started at 9.45 and reached the other side at 10.15. How long did it take her?	30 minutes or half an hour	10. Steve ran all the way round the park. He started at 8.45 and finished at 9.15. How long did it take him?	30 minutes or half an hour
Comment:		Comment:	