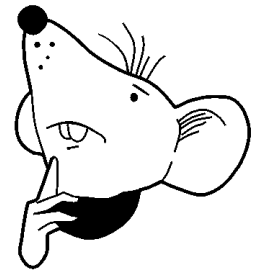
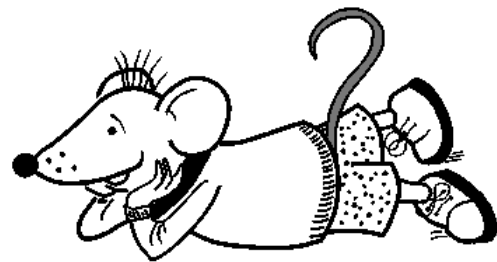
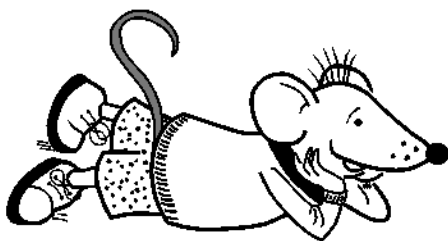


MENTAL ARITHMETIC



YEAR 3

SUMMER TERM



MathSphere

MENTAL ARITHMETIC : YEAR 3 : SUMMER TERM : WEEK 1

Paper 1	Answer	Paper 2	Answer
1. Write in figures: four hundred and nine.	409	1. Write in figures: three hundred and seven.	307
2. Write in figures: six hundred and two.	602	2. Write in figures: five hundred and three.	503
3. What number is half way between 300 and 400?	350	3. What number is half way between 400 and 500?	450
4. What number is half way between 700 and 800?	750	4. What number is half way between 900 and 1 000?	950
5. What number is half way between 700 and 710?	705	5. What number is half way between 400 and 410?	405
6. Which is more £2.53 or £3.25?	£3.25	6. Which is more £1.99 or £9.19?	£9.19
7. What is 100 less than 545?	445	7. What is 100 less than 285?	185
8. What is 100 more than 409?	509	8. What is 100 more than 609?	709
9. What is the nearest whole hundred to 942?	900	9. What is the nearest whole hundred to 880?	900
10. What is the nearest whole hundred to 350?	400	10. What is the nearest whole hundred to 250?	300
Comment:		Comment:	

MENTAL ARITHMETIC : YEAR 3 : SUMMER TERM : WEEK 2

Paper 3	Answer	Paper 4	Answer
1. 46 plus 54.	100	1. 82 plus 18.	100
2. 124 plus 30.	154	2. 154 plus 40.	194
3. What is the sum of 80 and 50?	130	3. What is the sum of 70 and 60?	130
4. 85 add 35.	120	4. 75 add 45.	120
5. £2.30 plus 30p.	£2.60	5. £3.50 plus 40p.	£3.90
6. £4.70 plus 20p.	£4.90	6. £5.10 plus 50p.	£5.60
7. Add 12, 8, 12 and 8.	40	7. Add 13, 7, 13 and 7.	40
8. Add 14, 6, 14 and 6.	40	8. Add 11, 9, 11 and 9.	40
9. What is 100 less than 430?	330	9. What is 100 less than 620?	520
10. What is 100 less than 270?	170	10. What is 100 less than 560?	460
Comment:		Comment:	

MENTAL ARITHMETIC : YEAR 3 : SUMMER TERM : WEEK 3

Paper 5	Answer	Paper 6	Answer
1. What is the sum of 11, 8 and 9?	28	1. What is the sum of 14, 9 and 6?	29
2. What is the sum of 13, 4 and 7?	24	2. What is the sum of 15, 8 and 5?	28
3. 13 take away 9.	4	3. 15 take away 7.	8
4. What is 100 less than 403?	303	4. What is 100 less than 601?	501
5. What is 100 less than 621?	521	5. What is 100 less than 126?	26
6. What must I take from 23 to leave 14?	9	6. What must I take from 35 to leave 26?	9
7. What must I take from 21 to leave 15?	6	7. What must I take from 32 to leave 25?	7
8. What must I add to 14 to make 25?	11	8. What must I add to 13 to make 27?	14
9. How many more than 6 is 47?	41	9. How many more than 5 is 38?	33
10. How many more than 4 is 23?	19	10. How many more than 7 is 50?	43
Comment:		Comment:	

MENTAL ARITHMETIC : YEAR 3 : SUMMER TERM : WEEK 4

Paper 7	Answer	Paper 8	Answer
1. 8 added to a number is 37. What is the number?	29	1. 7 added to a number is 57. What is the number?	50
2. 6 added to a number is 24. What is the number?	18	2. 9 added to a number is 51. What is the number?	42
3. Double 17.	34	3. Double 18.	36
4. Double 19.	38	4. Double 16.	32
5. 400 plus 600.	1 000	5. 700 plus 300.	1 000
6. 200 plus 800.	1 000	6. 900 plus 100.	1 000
7. What number plus 300 makes 1 000?	700	7. What number plus 500 makes 1 000?	500
8. What number plus 100 makes 1 000?	900	8. What number plus 200 makes 1 000?	800
9. 400 plus 800.	1 200	9. 300 plus 900.	1 200
10. 200 plus 900.	1 100	10. 500 plus 700.	1 200
Comment:		Comment:	

MENTAL ARITHMETIC : YEAR 3 : SUMMER TERM : WEEK 5

Paper 9	Answer	Paper 10	Answer
1. £352 plus £4.	£356	1. £375 plus £4.	£379
2. £245 plus £3.	£248	2. £163 plus £5.	£168
3. £200 plus £81.	£281	3. £300 plus £77.	£377
4. £400 plus £88.	£488	4. £500 plus £28.	£528
5. 700 subtract 5.	695	5. 700 subtract 7.	693
6. 600 subtract 4.	596	6. 600 subtract 8.	592
7. 70 add 34.	104	7. 60 add 41.	101
8. 80 add 29.	109	8. 90 add 13.	103
9. 95 add 10.	105	9. 97 add 10.	107
10. 91 add 10.	101	10. 92 add 10.	102
Comment:		Comment:	

MENTAL ARITHMETIC : YEAR 3 : SUMMER TERM : WEEK 6

Paper 11	Answer	Paper 12	Answer
1. 342 plus 100.	442	1. 417 plus 100.	517
2. 450 plus 100.	550	2. 260 plus 100.	360
3. 701 take 100.	601	3. 601 take 100.	501
4. 402 take 100.	302	4. 303 take 100.	203
5. 700 add 900.	1 600	5. 300 add 900.	1 200
6. 400 add 900.	1 300	6. 500 add 900.	1 400
7. 603 subtract 598.	5	7. 601 subtract 597.	4
8. 502 subtract 499.	3	8. 503 subtract 495.	8
9. 803 take away 799.	4	9. 804 take away 798.	6
10. 601 take away 594.	7	10. 602 take away 596.	6
Comment:		Comment:	

MENTAL ARITHMETIC : YEAR 3 : SUMMER TERM : WEEK 7

Paper 13	Answer	Paper 14	Answer
1. True or false: an even number plus an even number makes an even number.	True	1. True or false: an odd number plus an odd number makes an odd number.	False
2. True or false: an even number plus an odd number makes an even number.	False	2. True or false: an odd number plus an even number makes an odd number.	True
3. What is the multiple of 10 before 80?	70	3. What is the multiple of 10 before 60?	50
4. What is the multiple of ten before 100?	90	4. What is the multiple of ten before 40?	30
5. What is the next number in this sequence: 3, 8, 13, 18 ?	23	5. What is the next number in this sequence: 4, 9, 14, 19, ?	24
6. What is the next number in this sequence: 100, 96, 92, 88, ?	84	6. What is the next number in this sequence: 100, 95, 90, 85, ?	80
7. Bella has 48 team points. Ramsey has 79. How many more team points does Ramsey have than Bella?	31	7. Jeff has 51 team points. Oli has 80. How many more team points does Oli have than Jeff?	29
8. What even numbers lie between 325 and 330?	326 and 328	8. What even numbers lie between 405 and 410?	406 and 408
9. What odd numbers lie between 141 and 146?	143 and 145	9. What odd numbers lie between 255 and 260?	257 and 259
10. What is 490 to the nearest whole one hundred.	500	10. What is 360 to the nearest whole one hundred.	400
Comment:		Comment:	

MENTAL ARITHMETIC : YEAR 3 : SUMMER TERM : WEEK 8

Paper 15	Answer	Paper 16	Answer
1. 4 times 2.	8	1. 6 times 2.	12
2. 4 times 20.	80	2. 6 times 20.	120
3. 7 multiplied by 5.	35	3. 9 multiplied by 5.	45
4. 5 multiplied by 4.	20	4. 5 multiplied by 6.	30
5. 7 times 10.	70	5. 8 times 10.	80
6. Double 15.	30	6. Double 25.	50
7. Double 150.	300	7. Double 250.	500
8. How many two pence coins do you get for 30p?	15	8. How many two pence coins do you get for 50p?	25
9. How many fives make 30?	6	9. How many fives make 40?	8
10. Is 45 a multiple of 5?	yes	10. Is 54 a multiple of 5?	no
Comment:		Comment:	

MENTAL ARITHMETIC : YEAR 3 : SUMMER TERM : WEEK 9

Paper 17	Answer	Paper 18	Answer
1. What is a quarter of 28?	7	1. What is a quarter of 48?	12
2. What is a quarter of 120?	30	2. What is a quarter of 100?	25
3. 4 times 6.	24	3. 4 times 8.	32
4. 4 times 4.	16	4. 4 times 5.	20
5. Two lots of 23.	46	5. Two lots of 21.	42
6. Two lots of 41.	82	6. Two lots of 43.	86
7. 13 times 3.	39	7. 23 times 3.	69
8. 11 times 5.	55	8. 13 times 2.	26
9. 40 divided by 2.	20	9. 22 divided by 2.	11
10. 60 divided by 2.	30	10. 30 divided by 2.	15
Comment:		Comment:	

MENTAL ARITHMETIC : YEAR 3 : SUMMER TERM : WEEK 10

Paper 19	Answer	Paper 20	Answer
1. What is half of 46?	23	1. What is half of 48?	24
2. What is a quarter of 24?	6	2. What is a quarter of 16?	4
3. What is one tenth of 40?	4	3. What is one tenth of 50?	5
4. What is one tenth of 80?	8	4. What is one tenth of 90?	9
5. What number is half way between 0 and 1?	$\frac{1}{2}$	5. What number is half way between 9 and 10?	$9\frac{1}{2}$
6. What number is half way between 0 and $\frac{1}{2}$?	$\frac{1}{4}$	6. What number is half way between $9\frac{1}{2}$ and 10?	$9\frac{3}{4}$
7. Which is bigger $\frac{1}{10}$ or $\frac{1}{2}$?	$\frac{1}{2}$	7. Which is bigger $\frac{1}{4}$ or $\frac{1}{5}$?	$\frac{1}{4}$
8. What is half of 60?	30	8. What is half of 64?	32
9. Sharon had a jar of 36 sweets. She ate half of them. How many did she eat?	18	9. Kate had a jar of 42 sweets. She ate half of them. How many did she eat?	21
10. What is half of 202?	101	10. What is half of 110?	55
Comment:		Comment:	

MENTAL ARITHMETIC : YEAR 3 : SUMMER TERM : WEEK 11

Paper 21	Answer	Paper 22	Answer
1. 34 plus 35.	69	1. 43 plus 44.	87
2. 42 plus 43.	85	2. 32 plus 33.	65
3. 501 take away 490.	11	3. 601 take away 590.	11
4. 603 take away 590.	13	4. 503 take away 490.	13
5. 265 subtract 9.	256	5. 476 subtract 9.	467
6. Subtract 9 from 148.	139	6. Subtract 9 from 150.	141
7. What is 11 more than 263?	274	7. What is 11 more than 224?	235
8. Subtract 11 from 176.	165	8. Subtract 11 from 154.	143
9. 600 plus 48.	648	9. 700 plus 28.	728
10. Add 9 to 777.	786	10. Add 9 to 888.	897
Comment:		Comment:	

MENTAL ARITHMETIC : YEAR 3 : SUMMER TERM : WEEK 12

Paper 23	Answer	Paper 24	Answer
1. What is twice 40?	80	1. What is twice 50?	100
2. How many fives in 45?	9	2. How many fives in 50?	10
3. Double 350.	700	3. Double 450.	900
4. What is half of 150?	75	4. What is half of 700?	350
5. You have a £5 note. You spend £2.70. How much change will you get?	£2.30	5. You have a £5 note. You spend £3.20. How much change will you get?	£1.80
6. A roller coaster costs £1.50 for a ride. How much will it cost for 4 rides?	£6	6. The dodgems costs 50p for a ride. How much will it cost for 6 rides?	£3
7. A ride on the big dipper costs £2.50. How much would two rides cost?	£5	7. A ride on the big wheel costs £1.50. How much would three rides cost?	£4.50
8. A boat trip started at 9.40 and finished at 10.50. How long did it last?	1 hour 10 mins	8. A boat trip started at 2.30 and finished at 3.50. How long did it last?	1 hour 20 mins
9. How many weeks are there in a year?	52	9. How many hours in a day?	24
10. How many days are there in a year?	365	10. How many days are there in a leap year?	366
Comment:		Comment:	