



MATHEMATICS



N.S. Yr. 3 P.27

**Understand that more than two numbers
can be added together.**

Equipment

Paper, pencil.
Number line.

MathSphere

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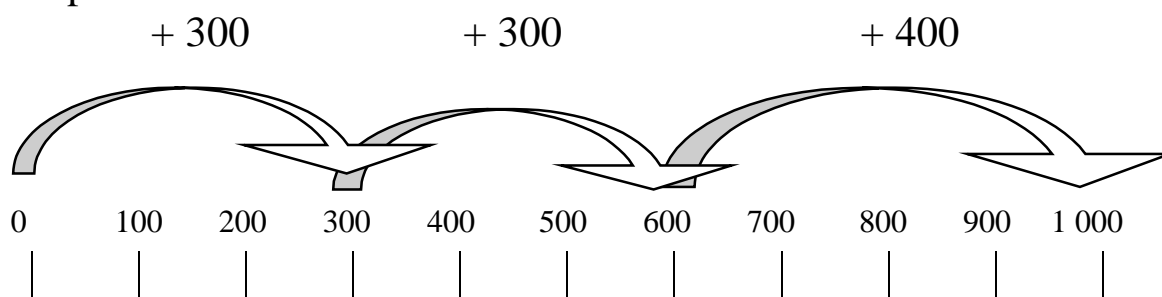
Concepts

In year 2 the totals of three figure addition will increase up towards 100, when using apparatus.

In year 3, with the aid of apparatus such as number lines, children will be expected to add numbers in the hundreds.

Mental work will concentrate on smaller numbers, usually tens and units or whole hundreds.

For example:



$$300 + 300 + 400 = 1\,000$$

A good deal of simple investigative work can be carried out in this section eg:

Finding all the combinations of adding three out of five numbers.

Again it is important to talk about how children add in their heads. Ask questions all the time such as:

"How did you work that out?"

"What did you start with?"

"Can you explain what you did?"

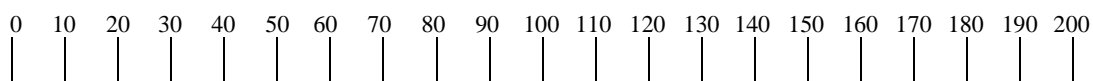
etc.

Adding whole tens

Find three numbers that add up to 200.

Keep to whole tens.

How many can you find?



1. + + = 200

2. + + = 200

3. + + = 200

4. + + = 200

5. + + = 200

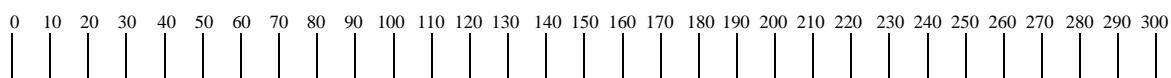
6. + + = 200

Adding whole tens

Find three numbers that add up to 300.

Keep to whole tens.

How many can you find?



1. + + = 300

2. + + = 300

3. + + = 300

4. + + = 300

5. + + = 300

6. + + = 300

Finding totals

Find all the different totals
you can make with these
numbers:
(If you work in a logical way
it is easier to know when you
have found them all!)

16**32****60****23****44**

Finding totals

Find all the different totals
you can make with these
numbers:
(If you work in a logical way
it is easier to know when you
have found them all!)

44**24****31****17****52**

Find the missing numbers in these sums:



1. $24 + 36 + \boxed{} = 100$

2. $14 + 66 + \boxed{} = 100$

3. $56 + 14 + \boxed{} = 100$

4. $27 + 53 + \boxed{} = 100$

5. $61 + 19 + \boxed{} = 100$

6. $49 + 11 + \boxed{} = 100$

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Find the missing numbers in these sums:



1. $35 + 35 + \boxed{} = 100$

2. $15 + 45 + \boxed{} = 100$

3. $55 + 25 + \boxed{} = 100$

4. $28 + 42 + \boxed{} = 100$

5. $61 + 29 + \boxed{} = 100$

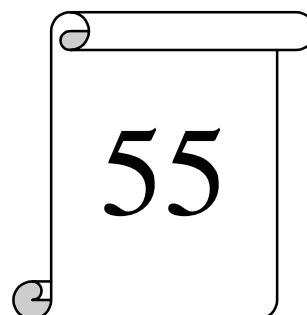
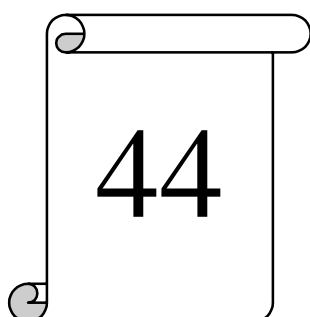
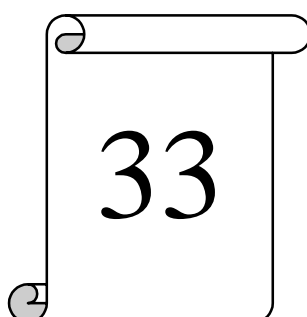
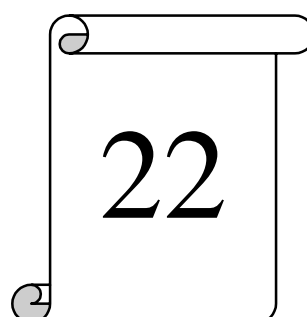
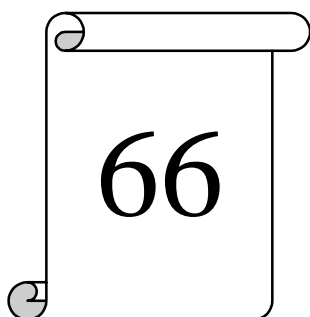
6. $46 + 14 + \boxed{} = 100$

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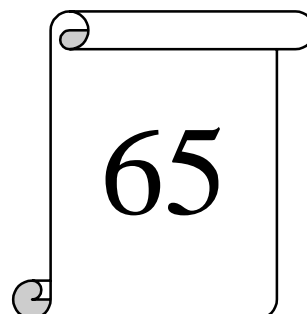
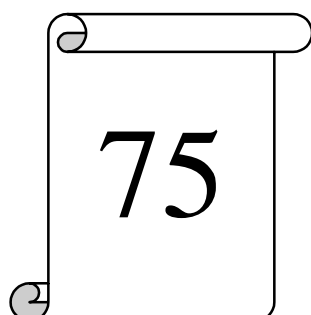
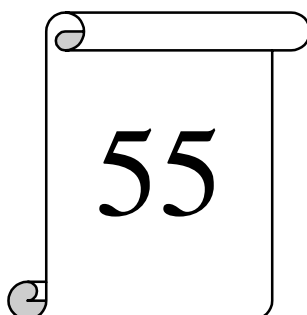
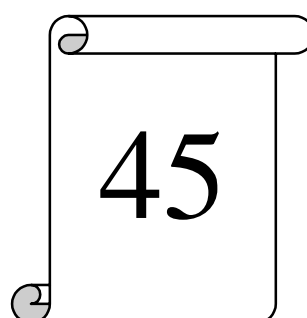
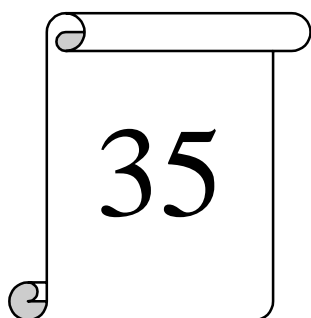


Take any three of the numbers below and make an addition sum.
How many different sums can you make?





Take any three of the numbers below and make an addition sum.
How many different sums can you make?



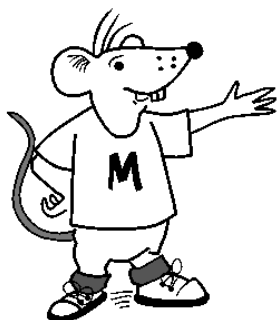


Now's the time for some really speedy work.
See how quickly you can answer these:

1. Add 14, 16 and 8.
2. Add 11, 32 and 18.
3. What is the sum of 4, 15 and 26 ?
4. What is the sum of 28, 5 and 13 ?
5. What is the total of 8, 18 and 28 ?
6. What is the total of 6, 15 and 24 ?
7. Altogether, how many are: 9, 19 and 29 ?
8. Altogether, how many are: 7, 15 and 33 ?
9. 12 plus 16 plus 28.
10. 15 plus 39 plus 7.



Knock, knock!
Who's there?
Jo.
Jo who?
Jo away, I'm not talking to you.



Off you go, as fast as you can -
but take care with your adding!
(It's not always best to start with
the first number - look for
numbers that make whole tens!)

1. Add 13, 17 and 9.
2. Add 12, 31 and 19.
3. What is the sum of 5, 16 and 24 ?
4. What is the sum of 29, 4 and 17 ?
5. What is the total of 6, 16 and 26 ?
6. What is the total of 8, 14 and 22 ?
7. Altogether, how many are: 7, 17 and 27 ?
8. Altogether, how many are: 11, 19 and 23 ?
9. 14 plus 18 plus 26.
10. 13 plus 37 plus 8.



Knock, knock!
Who's there?
Ron.
Ron who?
Ron answer!
(He, he!)

Answers**Page 3**

1. 3 numbers that total 200

Page 4

1. 3 numbers that total 300

Page 5

1. 136 127 120 115 108 99 99 92 83 71

Page 6

1. 127 120 113 107 100 93 99 92 85 72

Page 7

1. 40 2. 20 3. 30 4. 20 5. 20 6. 40

Page 8

1. 30 2. 40 3. 20 4. 30 5. 10 6. 40

Page 9

1. 165 154 143 143 132 121 132 121 110 99

Page 10

1. 195 185 175 175 165 155 165 155 145 135

Page 11

1. 38 2. 61 3. 45 4. 46 5. 54 6. 45 7. 57 8. 55 9. 56 10. 61

Page 12

1. 39 2. 62 3. 45 4. 50 5. 48 6. 44 7. 51 8. 53 9. 58 10. 58



Take any three of the numbers below and make an addition sum.
How many different sums can you make?

