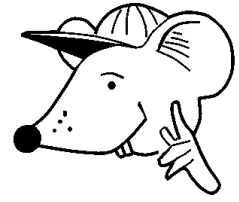


MATHEMATICS



N.S. Yr. 3 P.29

Understand subtraction.

Equipment

Paper and pencil.

Number line.

0 - 9 cards.

MathSphere

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Concepts

The work on subtraction facts in year 3 is very similar to that in year 2. Constant practice and re-inforcement is necessary if children are going to become quick in their responses - the numbers do not necessarily have to be larger, but a more rapid answer should be expected.

A similar list of words and phrases should be used as for year 2, including:

*take away, subtract, how many are left, less than,
what is the difference between, more than, how many more to make*

It is expected that the minus (–) sign can be read and written.

Most of the work will still be done orally. All kinds of opportunities arise where simple subtraction questions can be posed, but the numbers do need to be kept simple.

A number line or a number square is useful for harder examples so that children can see the movement down the line as numbers are subtracted. Coins, counters or cubes are also excellent resources for practical subtraction exercises.

Children should understand that subtracting from a positive number makes the number less and that subtraction is the opposite, or inverse of, addition.

The idea that subtracting 0 leaves a number unchanged also needs to be re-inforced and children need to realise that $40 - 30$ is not the same as $30 - 40$.

Most of this module involves written answers, although the next page gives some examples of the type of question to ask. Keep the numbers simple, rapid (instant) recall of facts up to 20 and quickening responses to whole tens and hundreds questions.

Two sheets with questions omitted are available at the end of this module if further examples are needed.

Subtraction - oral questions

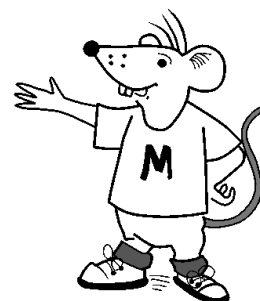
Examples of the type of question to ask include:

1. What is 30 take away 12 ? What is 80 take away 15 ?
2. Take 14 from 40 Take 60 from 92
3. 60 subtract 41 30 subtract 14
4. What is 12 less than 40 ? What is 40 less than 65 ?
5. What number must I take from 30 to leave 9 ?
6. What must I add to 13 to make 50 ?
7. What is the difference between 11 and 50 ?
8. How many more is 60 than 18 ?
9. 17 taken from a number is 23. What is the number?
10. 60 added to a number is 84. What is the number?
11. Find a pair of numbers that have a difference of 41.
12. Find two numbers which have a difference of 33.

Subtraction

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Use a number square to help you answer these questions:



1. 25 take away 7
2. Take 9 from 16
3. 50 subtract 16
4. Subtract 17 from 50
5. What is 20 less than 44 ?
6. 43 less than 60
7. What must I take from 46 to leave 30
8. How many more than 14 is 50
9. How many less than 60 is 44 ?
10. What must I add to 13 to make 60 ?

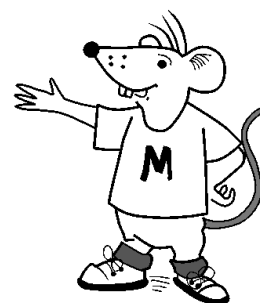
Not too bad using the number square, eh?



Subtraction

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

A number square is a real help with these.

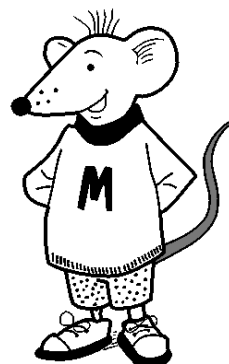


1. 34 take away 8
2. Take 5 from 11
3. 60 subtract 17
4. Subtract 18 from 60
5. What is 30 less than 55 ?
6. 52 less than 70
7. What must I take from 53 to leave 20
8. How many more than 16 is 40
9. How many less than 80 is 62 ?
10. What must I add to 17 to make 70 ?

What bird is always out of breath?
A puffin!



Try these subtraction sums. Put the answers in the boxes.



1. Take 17 from 60

2. Take 12 from 30

3. Take 30 from 66

4. Take 50 from 66

5. $60 - 22 =$

6. $70 - 18 =$

7. $80 - 23 =$

8. $90 - 13 =$

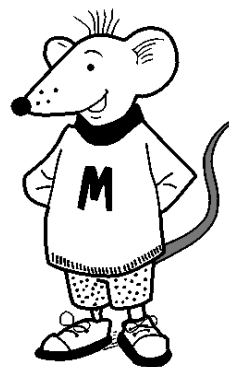
9. Subtract 16 from 50

10. Subtract 11 from 30



You may need a number square to help you with these.

Try these subtraction sums. You may need a number square to help you.



1. Take 14 from 40

2. Take 33 from 60

3. Take 20 from 46

4. Take 30 from 56

5. $50 - 33 =$

6. $60 - 21 =$

7. $90 - 79 =$

8. $80 - 66 =$

9. Subtract 12 from 30

10. Subtract 15 from 70

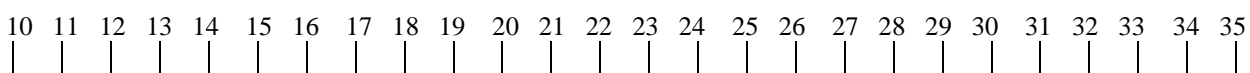



What sugar sings?


Icing sugar!!


Subtraction


Use the number line to help you answer the questions below. Good luck!





1. $25 - 9 =$ 


2. $21 - 8 =$ 


3. $31 - 12 =$ 


4. $28 - 9 =$ 


5. $35 - 18 =$ 

6. $30 - 17 =$ 

7. $23 - 8 =$ 

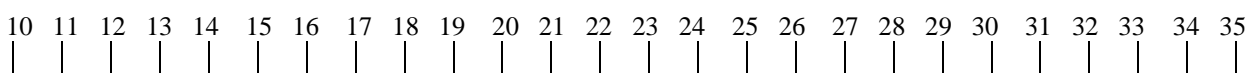
8. $32 - 14 =$ 

9. $31 - 15 =$ 

10. $33 - 17 =$ 

Subtraction

Use the number line to help you answer the questions below. Good luck!



1. $23 - 7 =$

2. $22 - 6 =$

3. $31 - 14 =$

4. $32 - 16 =$

5. $35 - 19 =$

6. $31 - 13 =$

7. $33 - 15 =$

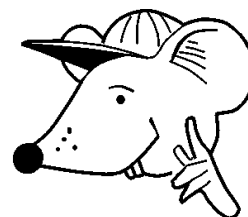
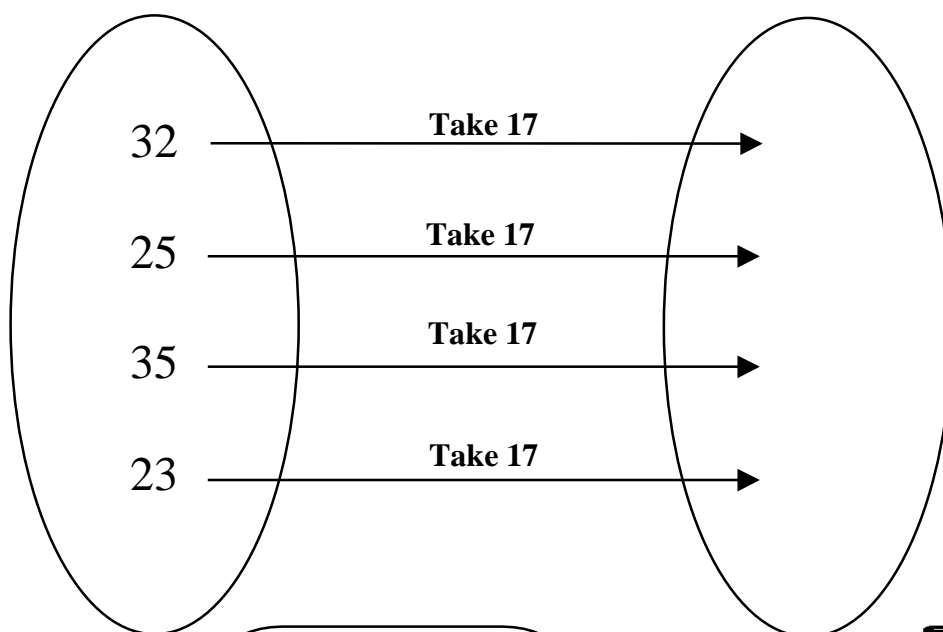
8. $32 - 18 =$

9. $30 - 17 =$

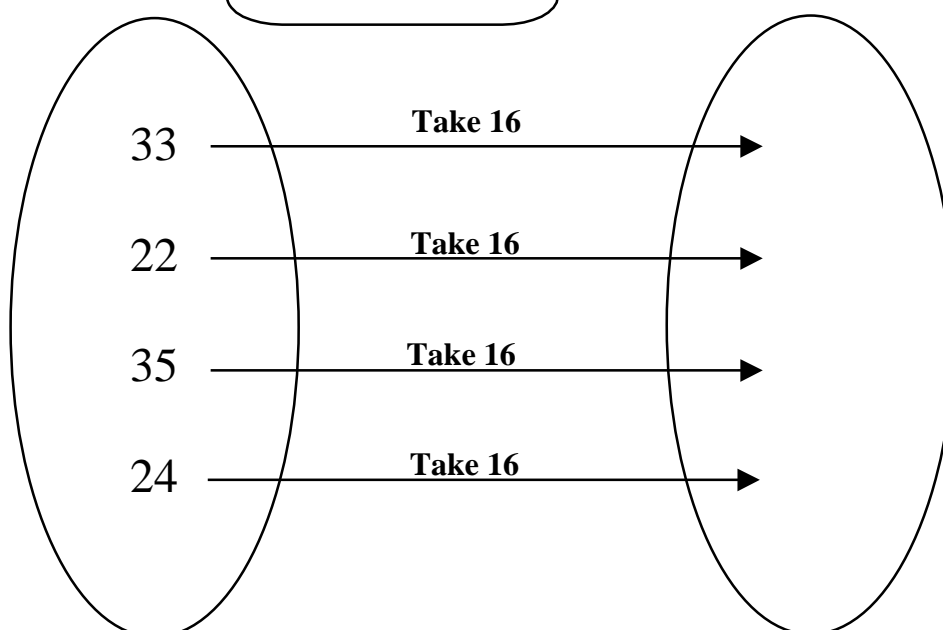
10. $33 - 14 =$

Subtraction

Take 17 from
these numbers:

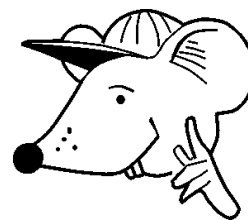
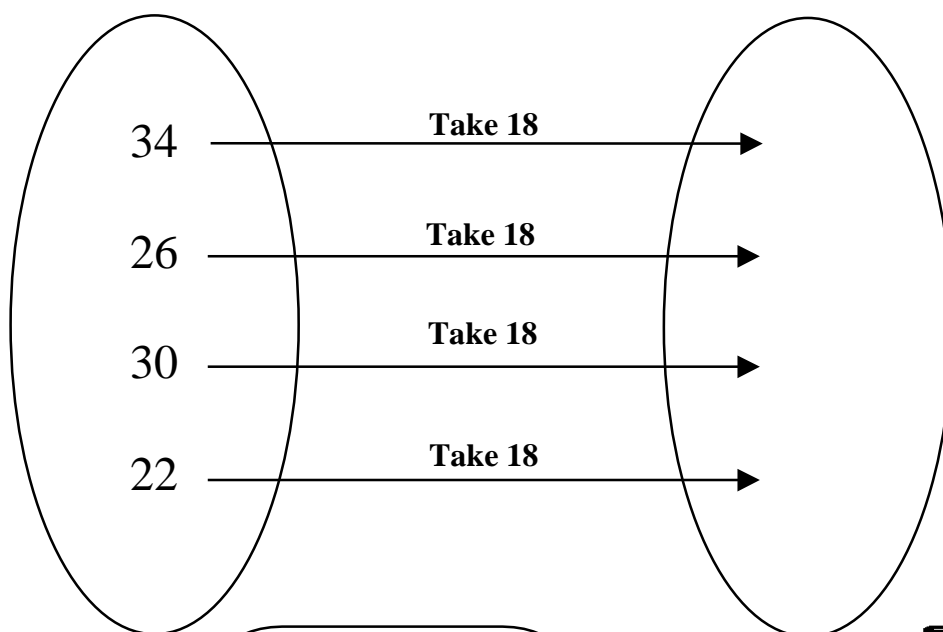
**1.****2.**

Take 16 from
these numbers:

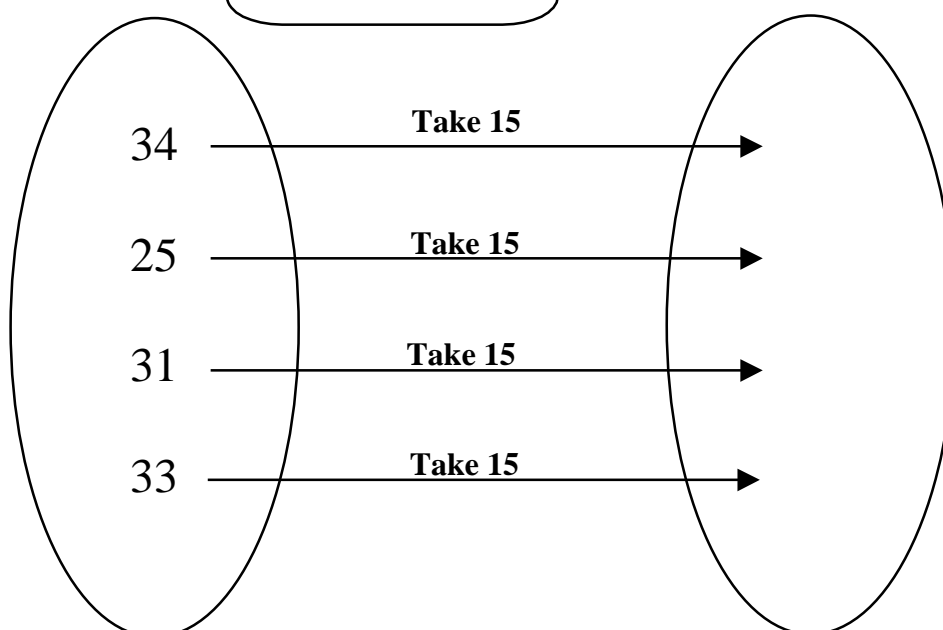
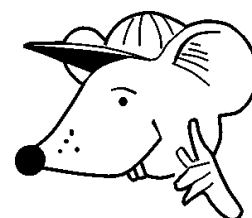


Subtraction

Take 18 from
these numbers:

**1.****2.**

Take 15 from
these numbers:



Answers**Page 3**

1. 18 65 2. 26 32 3. 19 16 4. 28 25 5. 21 6. 37
 7. 39 8. 42 9. 40 10. 24 11. 42 and 1 etc 12. 34 and 1 etc

Page 4

1. 18 2. 7 3. 34 4. 33 5. 24 6. 17 7. 16 8. 36 9. 16 10. 47

Page 5

1. 26 2. 6 3. 43 4. 42 5. 25 6. 18 7. 33 8. 24 9. 18 10. 53

Page 6

1. 43 2. 18 3. 36 4. 16 5. 38 6. 52 7. 57 8. 77 9. 34 10. 19

Page 7

1. 26 2. 27 3. 26 4. 26 5. 17 6. 39 7. 11 8. 14 9. 18 10. 55

Page 8

1. 16 2. 13 3. 19 4. 19 5. 17 6. 13 7. 15 8. 18 9. 16 10. 16

Page 9

1. 16 2. 16 3. 17 4. 16 5. 16 6. 18 7. 18 8. 14 9. 13 10. 19

Page 10

1. 15 8 18 6 2. 17 6 19 8

Page 11

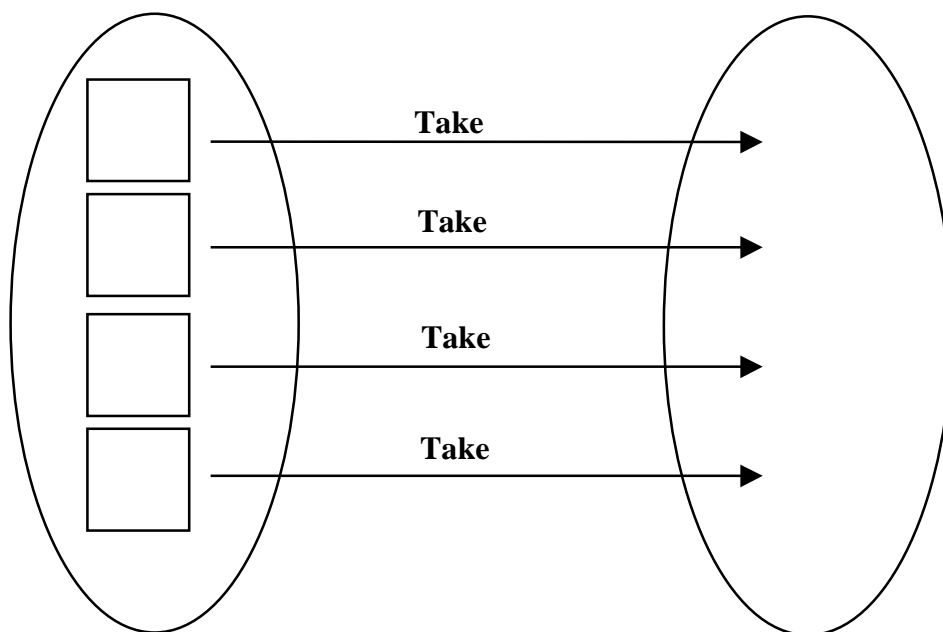
1. 16 8 12 4 2. 19 10 16 18

Subtraction

Take

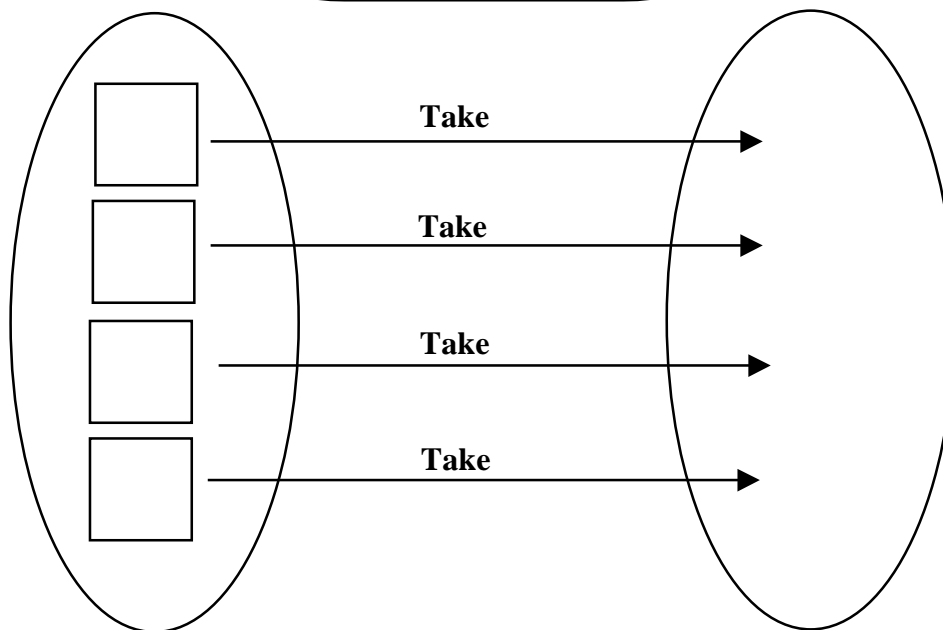


1.



2.

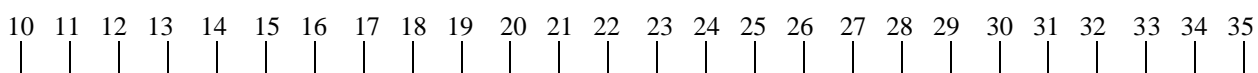
Take away



Subtraction



Use the number line to help you answer the questions below. Good luck!



1.

=



2.

=



3.

=



4.

=



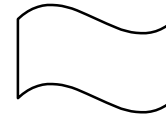
5.

=



6.

=



7.

=



8.

=



9.

=



10.

=

