



MATHEMATICS



N.S. Yr. 2 P.41

Addition and subtraction continued

Equipment

Paper, pencil, ruler

MathSphere

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Concepts

This module contains several pages where children further develop their addition and subtraction skills. These are:

Addition crossing ten and then twenty, using two steps

$$\text{eg } 15 + 8 \text{ can be broken down into } 15 + 5 + 3 = 20 + 3 = 23$$

Subtracting a single digit from a twenties number, using two steps

$$\text{eg } 23 - 7 = 23 - 3 - 4 = 20 - 4 = 16$$

Finding a small difference between two numbers lying either side of a multiple of ten by counting on

$$\text{eg } 52 - 47 \text{ by counting on from 47 to 50 and then adding the 2.}$$

Once again these methods need to be discussed or talked through and plenty of examples given – some children tend to use these methods intuitively, others need to be shown several times before they feel confident enough to use them.

Adding single digits - revision

You should be pretty quick at these by now.

Time yourself to see how quickly you can do them.



1. $6 + 7 = \square$

2. $8 + 4 = \square$

3. $\square + 5 = 12$

4. $\square + 6 = 11$

5. $9 + \square = 17$

6. $7 + \square = 14$

7. $\square + 6 = 15$

8. $\square + 2 = 11$

9. $5 + \square = 14$

10. $3 + \square = 11$

Mixed addition and subtraction - revision

Take care with these - it's
easy to make a mistake
and do the wrong thing!



1. $15 - 7 = \square$

2. $9 + 6 = \square$

3. $\square + 6 = 14$

4. $\square - 6 = 7$

5. $9 + \square = 14$

6. $17 - \square = 9$

7. $\square - 7 = 5$

8. $\square + 4 = 13$

9. $5 + \square = 11$

10. $13 - \square = 6$

Mixed addition and subtraction - revision

Some of these are
addition...and some are
subtraction – take care!



1. $14 - 8 = \square$

2. $7 + 9 = \square$

3. $\square + 5 = 12$

4. $\square - 8 = 11$

5. $2 + \square = 11$

6. $15 - \square = 6$

7. $\square - 7 = 6$

8. $\square + 8 = 11$

9. $4 + \square = 11$

10. $12 - \square = 5$

Adding teens and crossing twenty

Hi! A little clue for you....
All of these are addition
sums..... and the answers will
all be over 20.

1. Add 6 to 15

2. Add 4 to 18

3. Add 7 to 16

4. Add 5 to 18

5. Add 8 to 14

6. Add 9 to 12

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Adding teens and crossing twenty

Now try adding these.
There's a number line to help
you if you really need it!

1. Add 6 to 17

2. Add 4 to 19

3. Add 7 to 18

4. Add 5 to 16

5. Add 8 to 18

6. Add 9 to 16

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Subtracting from 20

Start at twenty and
take these numbers
away.

1. Subtract 7 from 20

2. Subtract 3 from 20

3. Subtract 8 from 20

4. Subtract 4 from 20

5. Subtract 9 from 20

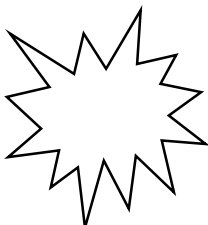
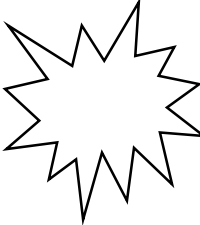
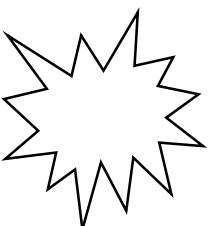
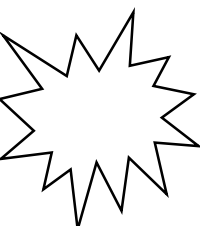
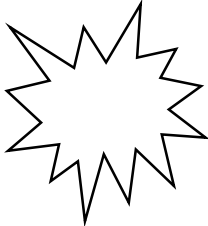
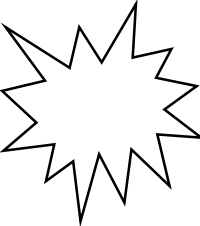
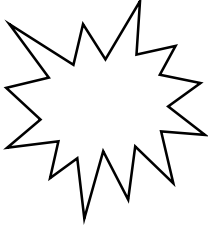
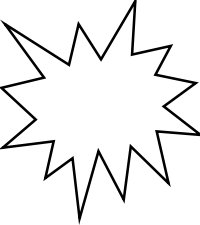
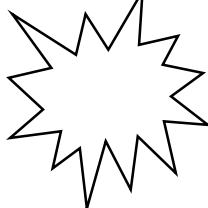
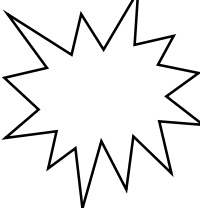
6. Subtract 2 from 20

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Subtracting



It's another really star day for a star pupil!

1. $23 - 5 =$  2. $24 - 7 =$ 
3. $21 - 2 =$  4. $25 - 9 =$ 
5. $22 - 4 =$  6. $27 - 9 =$ 
7. $26 - 7 =$  8. $21 - 3 =$ 
9. $28 - 9 =$  10. $20 - 5 =$ 

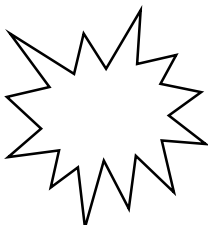
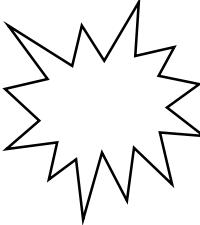
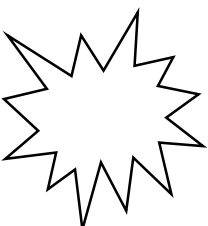
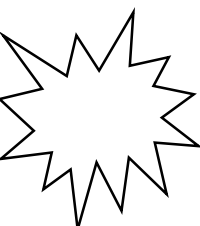
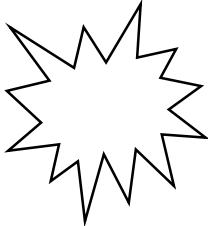
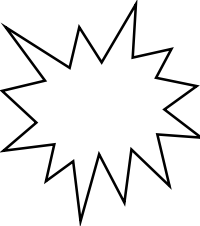
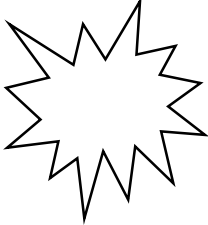
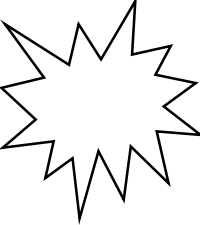
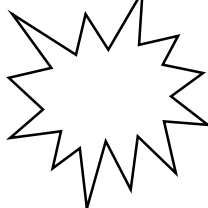
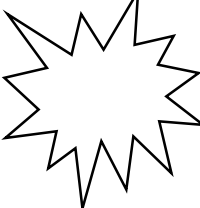
How many did you get right?



Subtracting



I've gone all starry eyed again.

1. $23 - 6 =$  2. $24 - 8 =$ 
3. $21 - 5 =$  4. $25 - 6 =$ 
5. $22 - 5 =$  6. $27 - 8 =$ 
7. $26 - 9 =$  8. $21 - 4 =$ 
9. $22 - 8 =$  10. $20 - 9 =$ 

How many did you get right?



Adding and subtracting two digit numbers

Addition and
subtraction here.
Have a go and good
luck!

1. $16 + \square = 22$

2. $18 + \square = 26$

3. $\square - 6 = 17$

4. $\square - 4 = 18$

5. $15 + \square = 25$

6. $13 + \square = 27$

7. $\square - 8 = 16$

8. $\square - 7 = 17$

9. $17 + \square = 26$

10. $14 + \square = 21$

Adding two digit numbers

Concentrate when
doing these – it's easy
to make a mistake.

1. $15 + \square = 24$

2. $17 + \square = 21$

3. $\square - 5 = 18$

4. $\square - 6 = 19$

5. $14 + \square = 22$

6. $12 + \square = 21$

7. $\square - 9 = 18$

8. $\square - 8 = 13$

9. $16 + \square = 24$

10. $13 + \square = 22$

**Finding differences by counting up**

I find the answers to these by counting up.

Try $22 - 17$

I count up from 17 to 20 (3)
and then count on to 22 (4, 5)

1. $23 - 18 =$

2. $32 - 27 =$

3. $41 - 38 =$

4. $52 - 46 =$

5. $61 - 55 =$

6. $73 - 68 =$

7. $84 - 76 =$

8. $91 - 85 =$

9. $22 - 17 =$

10. $34 - 28 =$

**Finding differences by counting up**

Have a go at these
by counting on from
the smaller number.

1. $24 - 17 =$

2. $33 - 26 =$

3. $42 - 37 =$

4. $53 - 45 =$

5. $62 - 54 =$

6. $74 - 67 =$

7. $85 - 77 =$

8. $92 - 88 =$

9. $36 - 28 =$

10. $45 - 39 =$

**Finding differences by counting up**

All these numbers are just either side of 100.
Find the difference by counting on.

1. $103 - 96 =$

2. $105 - 98 =$

3. $108 - 99 =$

4. $106 - 98 =$

5. $102 - 95 =$

6. $104 - 96 =$

7. $109 - 99 =$

8. $107 - 98 =$

9. $105 - 97 =$

10. $101 - 94 =$

**Finding differences by counting up**

All these numbers are just either side of 100.
Find the difference by counting on.

1. $104 - 98 =$

2. $106 - 97 =$

3. $101 - 93 =$

4. $107 - 99 =$

5. $103 - 97 =$

6. $105 - 96 =$

7. $101 - 96 =$

8. $101 - 97 =$

9. $104 - 97 =$

10. $102 - 96 =$

Answers

Page 3									
1. 13	2. 12	3. 7	4. 5	5. 8	6. 7	7. 9	8. 9	9. 9	10. 8
Page 4									
1. 8	2. 15	3. 8	4. 13	5. 5	6. 8	7. 12	8. 9	9. 6	10. 7
Page 5									
1. 6	2. 16	3. 7	4. 19	5. 9	6. 9	7. 13	8. 3	9. 7	10. 7
Page 6									
1. 21	2. 22	3. 23	4. 23	5. 22	6. 21				
Page 7									
1. 23	2. 23	3. 25	4. 21	5. 26	6. 25				
Page 8									
1. 13	2. 17	3. 12	4. 16	5. 11	6. 18				
Page 9									
1. 18	2. 17	3. 19	4. 16	5. 18	6. 18	7. 19	8. 18	9. 19	10. 15
Page 10									
1. 17	2. 16	3. 16	4. 19	5. 17	6. 19	7. 17	8. 17	9. 14	10. 11
Page 11									
1. 6	2. 8	3. 23	4. 22	5. 10	6. 14	7. 24	8. 24	9. 9	10. 7
Page 12									
1. 9	2. 4	3. 23	4. 25	5. 8	6. 9	7. 27	8. 21	9. 8	10. 9
Page 13									
1. 5	2. 5	3. 3	4. 6	5. 6	6. 5	7. 8	8. 6	9. 5	10. 6
Page 14									
1. 7	2. 7	3. 5	4. 8	5. 8	6. 7	7. 8	8. 4	9. 8	10. 6
Page 15									
1. 7	2. 7	3. 9	4. 8	5. 7	6. 8	7. 10	8. 9	9. 8	10. 7
Page 16									
1. 6	2. 9	3. 8	4. 8	5. 6	6. 9	7. 5	8. 4	9. 7	10. 6