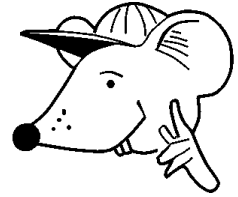




MATHEMATICS



N.S. Yr. 1 P.36

Add and subtract pairs of numbers mentally

Equipment

Paper, pencil, ruler

MathSphere

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Concepts

This module re-inforces all the early work on addition and subtraction, using single digits.

It is important that as much of this work can be done as possible, so that children know the number facts and no longer have to rely on counting on (using fingers etc).

Once these basics have been mastered the next step is to add or subtract a single digit to and from a teens number without going past 19 eg $13 + 4$ or $17 - 4$.

It is an excellent idea to ask children how they approach questions such as these. Some will count on from 13, but some will know that 3 and 4 make 7 and complete the answer without counting on.

Later still addition of two, two digit or teens numbers, without crossing the tens can be introduced: eg $13 + 16$

**Adding two**

Hi! Try adding two today.

$2 + 2 = \bigcirc$

$2 + 5 = \bigcirc$

$2 + 6 = \bigcirc$

$2 + 4 = \bigcirc$

$2 + 3 = \bigcirc$

$1 + 2 = \bigcirc$

$2 + 0 = \bigcirc$

$2 + 7 = \bigcirc$

$3 + 2 = \bigcirc$

$6 + 2 = \bigcirc$

Colour a star for each sum you got right!





Hi! It's an add 3 day today!

Adding three

$3 + 1 = \bigcirc$

$3 + 6 = \bigcirc$

$3 + 4 = \bigcirc$

$2 + 3 = \bigcirc$

$3 + 3 = \bigcirc$

$6 + 3 = \bigcirc$

$4 + 3 = \bigcirc$

$0 + 3 = \bigcirc$

$3 + 2 = \bigcirc$

$5 + 3 = \bigcirc$

Colour a star for each sum you got right!





Yes! It's going to be
a fab fun four day
today.

Adding four

$2 + 4 =$

$4 + 3 =$

$4 + 4 =$

$0 + 4 =$

$4 + 1 =$

$4 + 5 =$

$4 + 4 =$

$1 + 4 =$

$4 + 0 =$

$3 + 4 =$

Colour a star for each sum you got right!





Hi again! We're all
mixed up today,
adding 2, 3 and 4.

Adding

$2 + 4 =$

$3 + 3 =$

$3 + 4 =$

$2 + 3 =$

$4 + 4 =$

$4 + 2 =$

$3 + 2 =$

$0 + 3 =$

$2 + 2 =$

$4 + 3 =$

Colour a star for each sum you got right!





Is it Friday? No?
Oh, well it's
definitely add 5 day.

Adding five

$5 + 1 =$

$5 + 3 =$

$4 + 5 =$

$0 + 5 =$

$5 + 2 =$

$2 + 5 =$

$1 + 5 =$

$3 + 5 =$

$5 + 0 =$

$5 + 4 =$

Colour a star for each sum you got right!



Subtraction

I'm all ready for some subtraction...or take away sums. Subtract one or two.



$3 - 1 = \bigcirc$

$6 - 2 = \bigcirc$

$2 - 1 = \bigcirc$

$4 - 2 = \bigcirc$

$5 - 2 = \bigcirc$

$7 - 1 = \bigcirc$

$7 - 2 = \bigcirc$

$1 - 1 = \bigcirc$

$4 - 1 = \bigcirc$

$8 - 2 = \bigcirc$

How well did you do? Colour how many you get correct.



Subtraction

I'm all ready for some subtraction...or take away sums. Subtract two or three.



$4 - 2 = \bigcirc$

$7 - 3 = \bigcirc$

$3 - 3 = \bigcirc$

$5 - 2 = \bigcirc$

$4 - 3 = \bigcirc$

$8 - 2 = \bigcirc$

$2 - 2 = \bigcirc$

$6 - 3 = \bigcirc$

$3 - 2 = \bigcirc$

$3 - 3 = \bigcirc$

How well did you do? Colour how many you get correct.



Subtraction

I'm all ready for some subtraction...or take away sums. Subtract four and five.



$5 - 4 = \bigcirc$

$6 - 5 = \bigcirc$

$9 - 5 = \bigcirc$

$4 - 4 = \bigcirc$

$5 - 5 = \bigcirc$

$7 - 4 = \bigcirc$

$8 - 4 = \bigcirc$

$7 - 5 = \bigcirc$

$8 - 5 = \bigcirc$

$6 - 4 = \bigcirc$

How well did you do? Colour how many you get correct.



Subtraction

I'm all ready for some subtraction...or take away sums.
Subtract four and five.



$5 - 4 = \bigcirc$

$6 - 5 = \bigcirc$

$9 - 5 = \bigcirc$

$4 - 4 = \bigcirc$

$5 - 5 = \bigcirc$

$7 - 4 = \bigcirc$

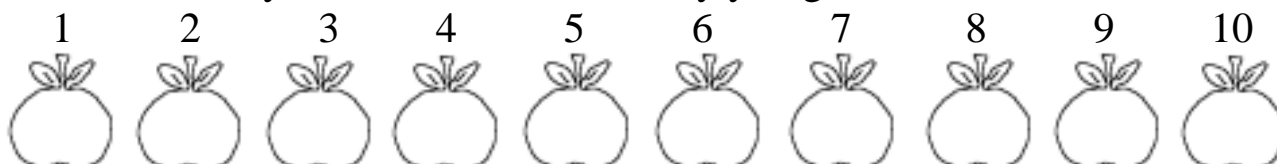
$8 - 4 = \bigcirc$


$7 - 5 = \bigcirc$

$8 - 5 = \bigcirc$

$6 - 4 = \bigcirc$

How well did you do? Colour how many you get correct





10



Addition and Subtraction

Take care – some of these are addition and some are subtraction.



$6 + 3 =$

$8 - 2 =$

$5 - 3 =$

$4 + 2 =$

$1 + 6 =$

$7 - 4 =$

$8 - 4 =$

$5 + 4 =$

$6 + 2 =$

$7 - 6 =$

How well did you do? Colour how many you get correct

1

2

3

4

5

6

7

8

9

10



Addition and Subtraction

More addition and
subtraction – take care!



$8 + 1 = \bigcirc$

$7 - 2 = \bigcirc$

$7 - 5 = \bigcirc$

$5 + 2 = \bigcirc$

$3 + 5 = \bigcirc$

$8 - 6 = \bigcirc$

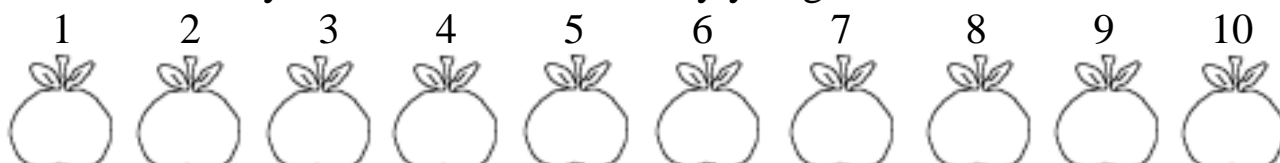
$9 - 4 = \bigcirc$

$6 + 0 = \bigcirc$

$5 + 1 = \bigcirc$

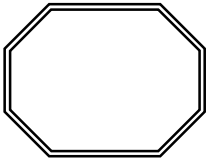
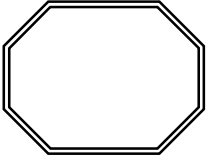
$9 - 3 = \bigcirc$

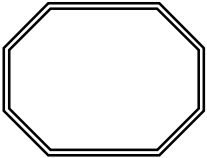
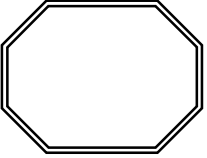
How well did you do? Colour how many you get correct

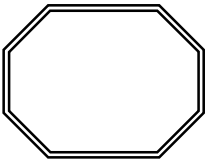




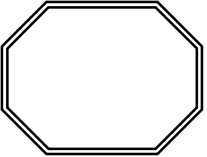
Adding


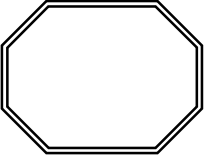
Moving into the big time now.
Try adding these even bigger
numbers!

1. $11 + 6 =$  2. $14 + 5 =$ 

3. $13 + 5 =$  4. $12 + 2 =$ 

5. $14 + 2 =$  6. $12 + 7 =$ 

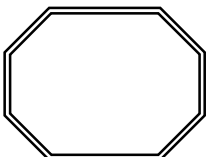
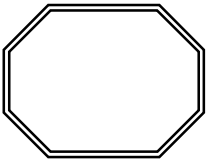
7. $13 + 6 =$  8. $11 + 8 =$ 



9. $16 + 1 =$  10. $15 + 3 =$ 


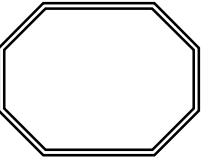


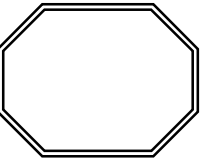
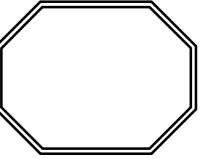
Adding

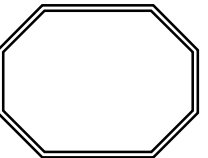
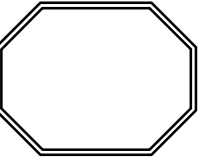
Moving into the big time now.
Try adding these even bigger
numbers!

1. $13 + 2 =$  2. $19 + 0 =$ 

3. $11 + 7 =$  4. $12 + 6 =$ 

5. $18 + 1 =$  6. $10 + 9 =$ 

7. $14 + 3 =$  8. $12 + 4 =$ 

9. $11 + 8 =$  10. $13 + 6 =$ 



Missing numbers

Can you work
out the
missing
numbers?



Yep!!

1. $10 + \bigcirc = 14$ 2. $10 + \bigcirc = 16$

3. $6 + \bigcirc = 10$ 4. $5 + \bigcirc = 10$

5. $10 + \bigcirc = 12$ 6. $10 + \bigcirc = 17$

7. $3 + \bigcirc = 10$ 8. $10 + \bigcirc = 15$

9. $10 + \bigcirc = 19$ 10. $10 + \bigcirc = 10$

Subtracting from teens

Try subtracting from these teens numbers!
Good luck!



$14 - 2 = \bigcirc$

$16 - 3 = \bigcirc$

$19 - 4 = \bigcirc$

$13 - 1 = \bigcirc$

$15 - 5 = \bigcirc$

$18 - 7 = \bigcirc$

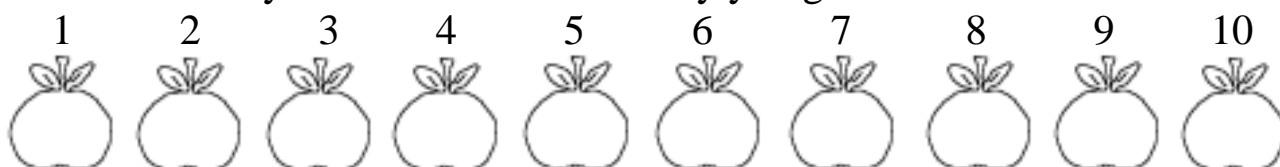
$14 - 3 = \bigcirc$

$17 - 2 = \bigcirc$

$19 - 8 = \bigcirc$

$16 - 4 = \bigcirc$

How well did you do? Colour how many you get correct



Subtracting from teens

Try subtracting from these teens numbers!
Good luck!



$13 - 2 = \bigcirc$

$14 - 1 = \bigcirc$

$15 - 3 = \bigcirc$

$16 - 5 = \bigcirc$

$17 - 4 = \bigcirc$

$18 - 6 = \bigcirc$

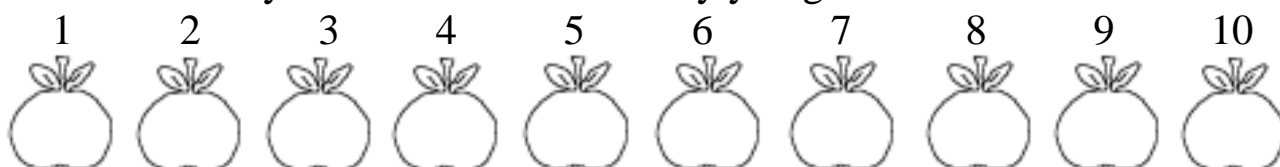
$19 - 9 = \bigcirc$

$17 - 3 = \bigcirc$

$18 - 5 = \bigcirc$

$19 - 2 = \bigcirc$

How well did you do? Colour how many you get correct



Missing numbers

How
about
these?

Mmm! A bit
harder I think.



1. $10 - \bigcirc = 5$

2. $10 - \bigcirc = 7$

3. $10 - \bigcirc = 1$

4. $10 - \bigcirc = 9$

5. $10 - \bigcirc = 2$

6. $10 - \bigcirc = 6$

7. $20 - \bigcirc = 16$

8. $20 - \bigcirc = 15$

9. $20 - \bigcirc = 19$

10. $20 - \bigcirc = 18$

Missing numbers

Getting the
idea of these,
now?

Sure am. I think I
need a lie down!



1. $10 - \bigcirc = 8$

2. $10 - \bigcirc = 0$

3. $10 - \bigcirc = 3$

4. $10 - \bigcirc = 7$

5. $10 - \bigcirc = 4$

6. $10 - \bigcirc = 9$

7. $20 - \bigcirc = 14$

8. $20 - \bigcirc = 17$

9. $20 - \bigcirc = 10$

10. $20 - \bigcirc = 12$

Adding teens

My mum says your teens
are the best years of your
life!



Add two teens numbers like this: $13 + 15$

Add 10 to 13, making 23

Add on the 5 making 28

Try these:

1. $12 + 15 =$

2. $13 + 14 =$

3. $11 + 14 =$

4. $16 + 13 =$

5. $14 + 14 =$

6. $12 + 13 =$

7. $16 + 11 =$

8. $15 + 13 =$

Adding teens

Try adding these
teens to each other!



Try these:

1. $11 + 15 =$

2. $12 + 14 =$

3. $13 + 15 =$

4. $14 + 13 =$

5. $15 + 12 =$

6. $15 + 14 =$

7. $16 + 12 =$

8. $11 + 17 =$

9. $12 + 16 =$

10. $13 + 13 =$