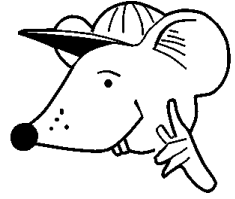


MATHEMATICS



N.S. Yr. 2 P.25

Understand addition.

Equipment

Paper, pencil.

0 - 9 cards.

Number line.

MathSphere

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Concepts

In year 2 children will continue to develop their understanding of addition, beginning to work with larger numbers, up to 100.

Addition should be thought of as the combination of two sets to make a total set. For this to be understood a number of words also need to be used and understood, re-inforcing the work done in year 1:

more add sum total altogether equals sign

Especially important is that the child can read and write the plus (+) sign and the equals (=) sign.

Equals can be explained as meaning 'is the same as'.

The idea of adding zero to a number leaves it the same can be a difficult concept to understand and zero should be included in any questions involving simple addition.

Adding

Useful tip: Once again most of this kind of work can be done orally. A range of words can be used which all convey the meaning 'add'.

Try these types of questions, using 1 and 2 digit numbers, but keep one of the numbers simple, either a single digit or a whole ten

1. 5 add 24
2. Add 0 to 30
3. What is the sum of 20 and 17 ?
4. What is the total of 52 and 6 ?
5. How many are 39 and 10 altogether?
6. Which two numbers make 14?
7. Which three numbers make 14?
8. What is 7 more than 31 ?



Repetition of these types of question will rapidly improve children's recall of number bonds. It is the basis of much that will follow.



If your child finds writing the numbers down difficult, use 0 to 9 cards and ask them to pick up the card which gives the correct answer.



Addition



Add these and put the answers inside the shape.





1. $15 + 5 =$  2. $14 + 4 =$ 

3. $30 + 8 =$  4. $18 + 2 =$ 

5. $12 + 7 =$  6. $20 + 8 =$ 

7. $14 + 5 =$  8. $6 + 30 =$ 

9. $22 + 7 =$  10. $32 + 6 =$ 



I hope you got on OK with these!

Addition

Try adding these:



1. $12 + 8 =$ 2. $16 + 3 =$

3. $40 + 4 =$ 4. $16 + 4 =$

5. $11 + 5 =$ 6. $30 + 5 =$

7. $15 + 4 =$ 8. $8 + 40 =$

9. $21 + 6 =$ 10. $32 + 8 =$



All correct, I hope.

Find two different answers
for these sums.
Write the sum in the boxes.



1. $\square + \bigcirc = 12$ or $\square + \bigcirc = 12$

2. $\square + \bigcirc = 16$ or $\square + \bigcirc = 16$

3. $\square + \bigcirc = 20$ or $\square + \bigcirc = 20$

4. $\square + \bigcirc = 17$ or $\square + \bigcirc = 17$

5. $\square + \bigcirc = 30$ or $\square + \bigcirc = 30$

Making addition sums

Find two ways of adding to get these answers.



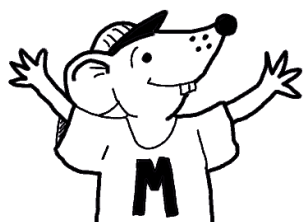
1. $\square + \bigcirc = 13$ or $\square + \bigcirc = 13$

2. $\square + \bigcirc = 18$ or $\square + \bigcirc = 18$

3. $\square + \bigcirc = 40$ or $\square + \bigcirc = 40$

4. $\square + \bigcirc = 14$ or $\square + \bigcirc = 14$

5. $\square + \bigcirc = 50$ or $\square + \bigcirc = 50$

Adding - written questions

Write down the answers
to these addition
questions.

1. Add 20 to 40

2. Add 30 to 50

3. 23 add 10

4. 34 add 10

5. What is the sum of 34 and 7?

6. What is the sum of 15 and 9?

7. What is the total of 21 and 9?

8. What is the total of 18 and 5?

9. How many are 6 and 14 altogether?

10. How many are 7 and 15 altogether?

Adding - written questions

Write down the answers to these addition questions.

1. Add 20 to 60

2. Add 40 to 50

3. 56 add 10

4. 27 add 10

5. What is the sum of 52 and 8?

6. What is the sum of 36 and 6?

7. What is the total of 44 and 7?


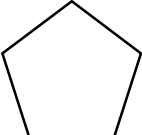
8. What is the total of 14 and 9?


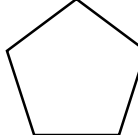
9. How many are 5 and 65 altogether?


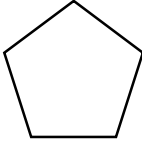
10. How many are 8 and 16 altogether?


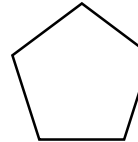
Making 50 by adding


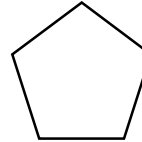
How many ways can you
make **50** by adding two
numbers?


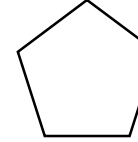
1.  + 


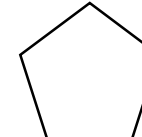
2.  + 


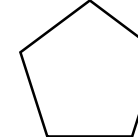
3.  + 


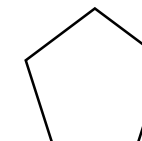
4.  + 


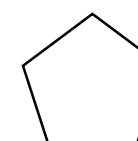
5.  + 

6.  + 

7.  + 

8.  + 

9.  + 

10.  + 

Quick addition

Write the answers to these
addition sums as quickly as
you can!

1. $15 + 3 =$

2. $17 + 4 =$

3. $12 + 6 =$

4. $14 + 8 =$

5. $16 + 5 =$

6. $18 + 3 =$

7. $19 + 2 =$

8. $15 + 7 =$

9. $17 + 3 =$

10. $12 + 8 =$

11. $18 + 5 =$

12. $16 + 9 =$

13. $14 + 4 =$

14. $15 + 4 =$

15. $17 + 6 =$

16. $12 + 9 =$

17. $18 + 7 =$

18. $14 + 5 =$

19. $16 + 3 =$

20. $19 + 5 =$

Did you get 20 out of 20?
Brilliant work if you did!!



Quick addition

Try these twenty addition sums. See how quickly you can complete them correctly!

1. $15 + 8 =$

2. $17 + 9 =$

3. $12 + 0 =$

4. $14 + 9 =$

5. $18 + 8 =$

6. $16 + 6 =$

7. $19 + 7 =$

8. $15 + 6 =$

9. $17 + 5 =$

10. $12 + 3 =$

11. $14 + 0 =$

12. $16 + 8 =$

13. $18 + 6 =$

14. $19 + 3 =$

15. $15 + 9 =$

16. $17 + 8 =$

17. $12 + 6 =$

18. $14 + 7 =$

19. $18 + 1 =$

20. $16 + 7 =$

How did you do on these?
OK I hope!



Answers

Page 4**1. 20 2. 18 3. 38 4. 20 5. 19 6. 28 7. 19 8. 36 9. 29 10. 38****Page 5****1. 20 2. 19 3. 44 4. 20 5. 16 6. 35 7. 19 8. 48 9. 27 10. 40****Page 6**Various options: 2 numbers making **1. 12 2. 16 3. 20 4. 17 5. 30****Page 7**Various options: 2 numbers making **1. 13 2. 18 3. 40 4. 14 5. 50****Page 8****1. 60 2. 80 3. 33 4. 44 5. 41 6. 24 7. 30 8. 23 9. 20 10. 22****Page 9****1. 80 2. 90 3. 66 4. 37 5. 60 6. 42 7. 51 8. 23 9. 70 10. 24****Page 10**

Various options: 2 numbers making 50

Page 11**1. 18 2. 21 3. 18 4. 22 5. 21 6. 21 7. 21 8. 22 9. 20 10. 20
11. 23 12. 25 13. 18 14. 19 15. 23 16. 21 17. 25 18. 19 19. 19 20. 24****Page 12****1. 23 2. 26 3. 12 4. 23 5. 26 6. 22 7. 26 8. 21 9. 22 10. 15
11. 14 12. 24 13. 24 14. 22 15. 24 16. 25 17. 18 18. 21 19. 19 20. 23**