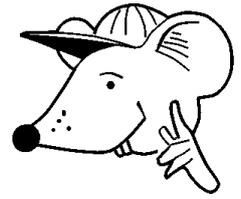


# MATHEMATICS



**N.S. Yr. 5 P.41**

**Add or subtract  
the nearest multiple of 10 and adjust.**

## **Equipment**

Paper, pencil, ruler

# MathSphere

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### Concepts

Children will still need to meet addition and subtraction sums involving **9, 19, 29 etc. or 11, 21, 31 etc.**

For example: adding **9, 19, 29** etc by adding **10, 20, 30** etc and then subtracting **1**.

To subtract **9, 19, 29** etc, in the same way, subtract **10, 20, 30** and then add **1**.

The same process can be carried out with addition and subtraction of **28, 38, 48**, etc this time adding or subtracting **2** after working out the tens, and, **27, 37, 47** etc by adding or subtracting **3** after working out the tens.

For example: **156 - 27**

Work out **156** subtract **30** which is **126**, then add **3**, making **129**.

In year 5 children are expected to move on from two digit mental arithmetic to three digit and even four digits.

It is important to discuss how answers are achieved 'in your head' and explain these methods as they are often very different from doing the same sum on paper.

**Add or subtract 9 or 19 - revision**

When adding 19 to a number an easy way to do the sum quickly is to add 20 and then subtract 1.

For instance  $42 + 19$ : add 20 to 42 which equals 62,

then subtract 1

this leaves 61, the correct answer!

**Add 19** to the numbers below, as quickly as you can. Just write the answers down.

1. 143

2. 117

3. 306

4. 472

5. 721

6. 777

7. 298

8. 399

9. 710

10. 707

11. 432

12. 765

13. 381

14. 798

15. 876

16. 955

17. 503

18. 989

19. 398

20. 808

Add twenty and take one is much quicker than trying to add nineteen. But not always!



Now try **subtracting 9** from these numbers ( subtract 10, add 1):

21. 155

22. 166

23. 287

24. 375

25. 148

26. 190

27. 404

28. 505

29. 606

30. 707

**Add and subtract 9 or 19 - revision**

When subtracting 9 from a number an easy way to do the sum quickly is to subtract 10 and then add 1.

For instance  $42 - 9$ : subtract 10 from 42 which equals 32,

then add 1

this makes 33, the correct answer!

**Subtract 9** from the numbers below, as quickly as you can. Just write the answers down.

1. 142

2. 278

3. 417

4. 588

5. 183

6. 187

7. 690

8. 521

9. 666

10. 555

11. 521

12. 990

13. 321

14. 488

15. 375

16. 505

17. 603

18. 910

19. 286

20. 882

I suppose you could take one away and then add 10 - you still get the correct answer!



Now try **adding 19** to these numbers ( add 20, subtract 1):

21. 246

22. 468

23. 680

24. 107

25. 208

26. 199

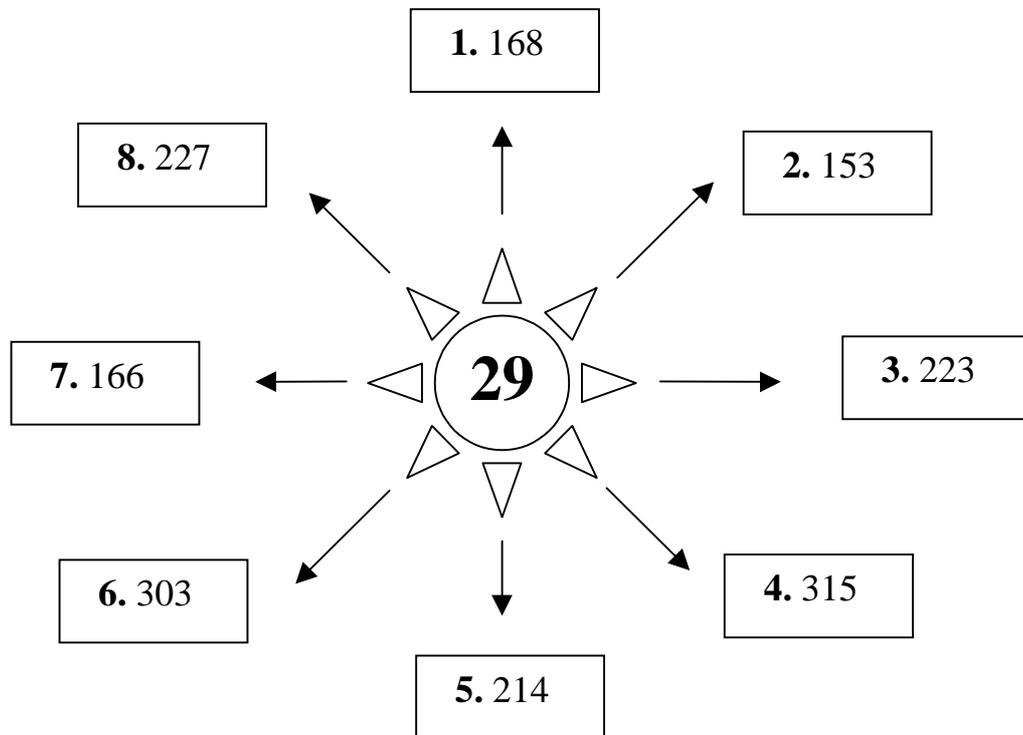
27. 899

28. 588

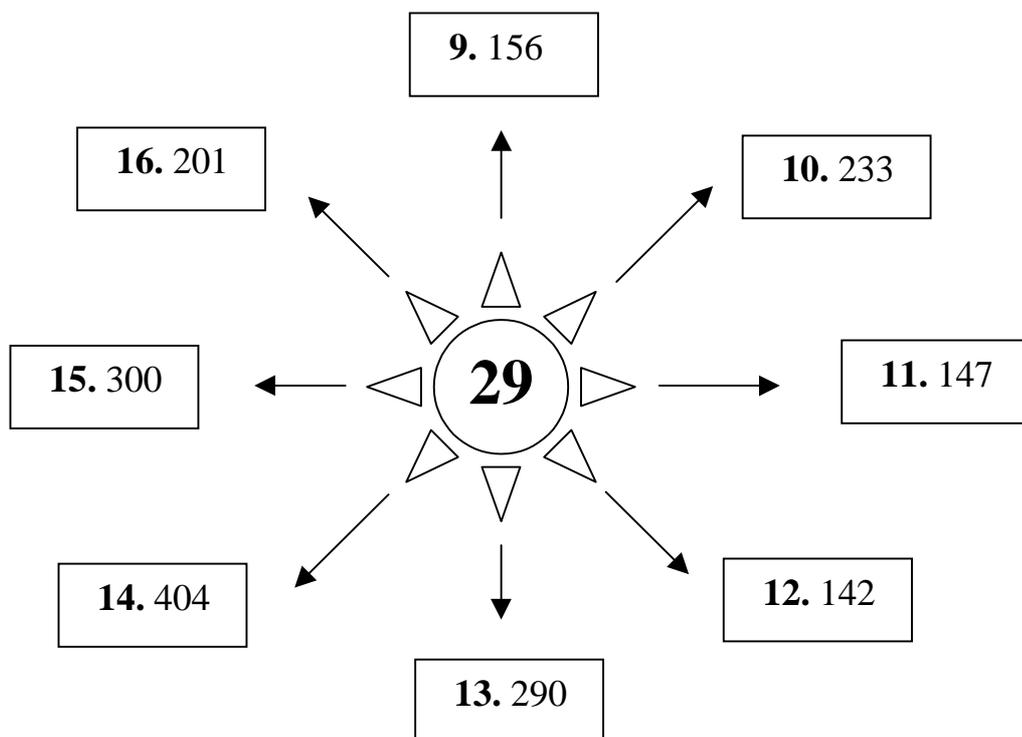
29. 615

30. 276

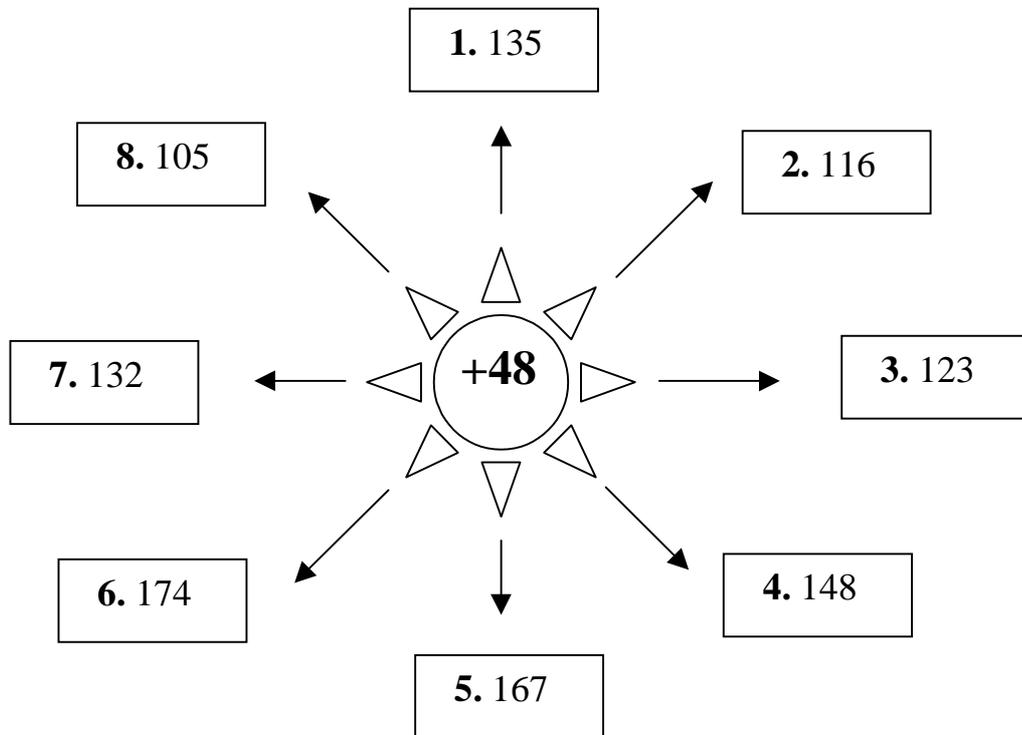
**Add 29** to each of the numbers in the boxes below:



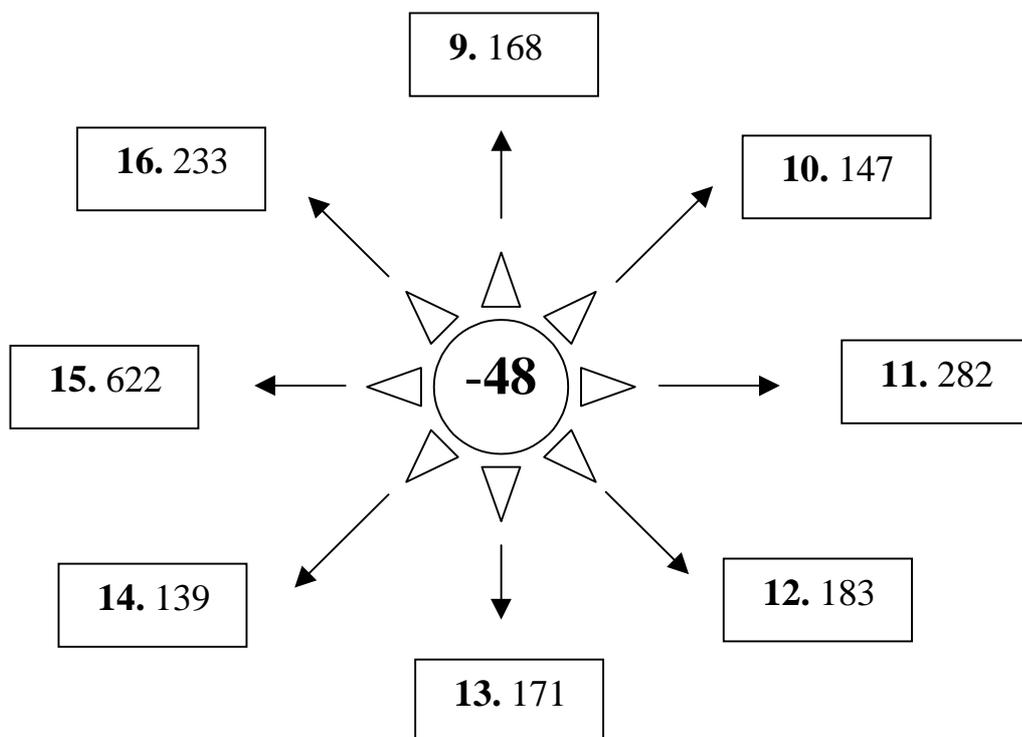
**Take 29** from each of the numbers in the boxes below:



**Add 48** to each of the numbers in the boxes below:



**Take 48** from each of the numbers in the boxes below:



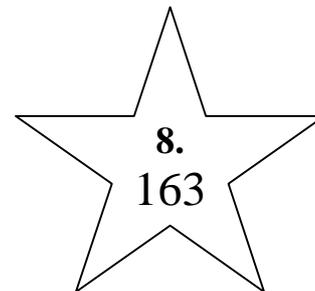
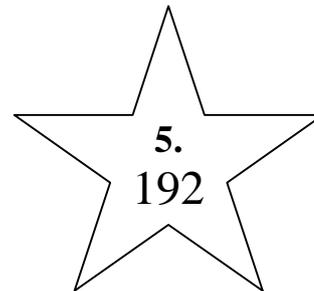
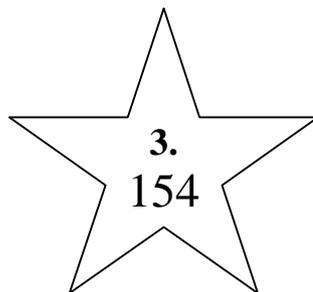
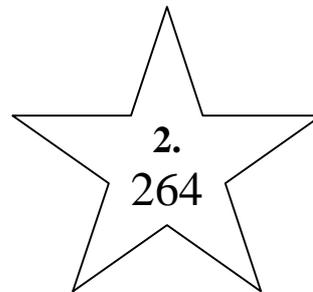
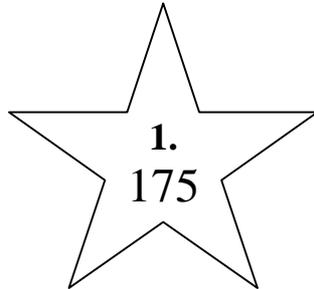
**Add 47 to each of the numbers below. Write answers only.**



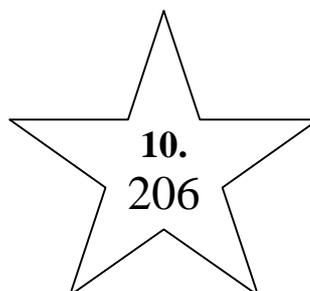
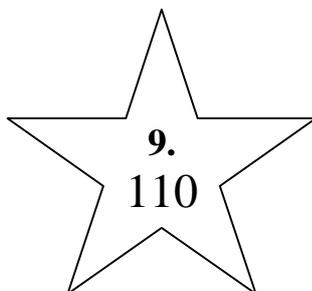
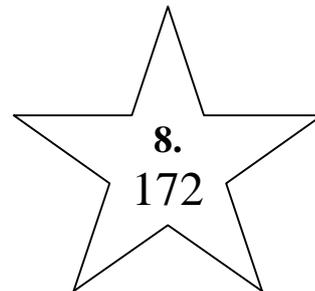
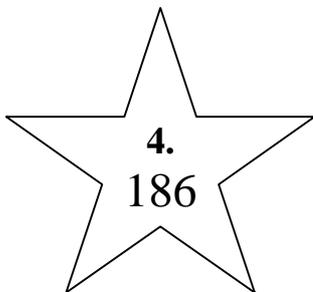
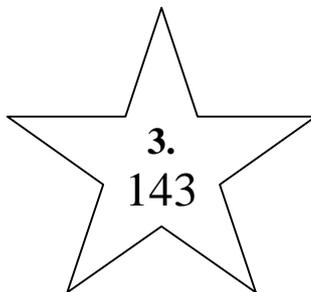
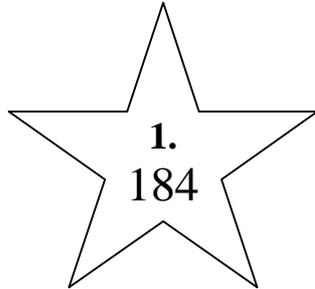
**Add 47 to each of the numbers below. Write answers only.**



**Take 47 from the numbers in the stars. Write answers only.**



**Take 47 from the numbers in the stars. Write answers only.**



**Answers****Page 3**

1. 162    2. 136    3. 325    4. 491    5. 740    6. 796    7. 317    8. 418  
9. 729    10. 726    11. 451    12. 784    13. 400    14. 817    15. 895    16. 974  
17. 522    18. 1 008    19. 417    20. 827    21. 146    22. 157    23. 278    24. 366  
25. 139    26. 181    27. 395    28. 496    29. 597    30. 698

**Page 4**

1. 133    2. 269    3. 408    4. 579    5. 174    6. 178    7. 681    8. 512  
9. 657    10. 546    11. 512    12. 981    13. 312    14. 479    15. 366    16. 496  
17. 594    18. 901    19. 277    20. 873    21. 265    22. 487    23. 699    24. 126  
25. 227    26. 218    27. 918    28. 607    29. 634    30. 295

**Page 5**

1. 197    2. 182    3. 252    4. 344    5. 243    6. 332    7. 195    8. 256  
9. 127    10. 204    11. 118    12. 113    13. 261    14. 375    15. 271    16. 172

**Page 6**

1. 183    2. 164    3. 171    4. 196    5. 215    6. 222    7. 180    8. 153  
9. 120    10. 99    11. 234    12. 135    13. 123    14. 91    15. 574    16. 185

**Page 7**

1. 114    2. 130    3. 102    4. 106    5. 70    6. 135    7. 126  
8. 103    9. 140    10. 65

**Page 8**

1. 74    2. 116    3. 90    4. 105    5. 61    6. 132    7. 124  
8. 101    9. 143    10. 125

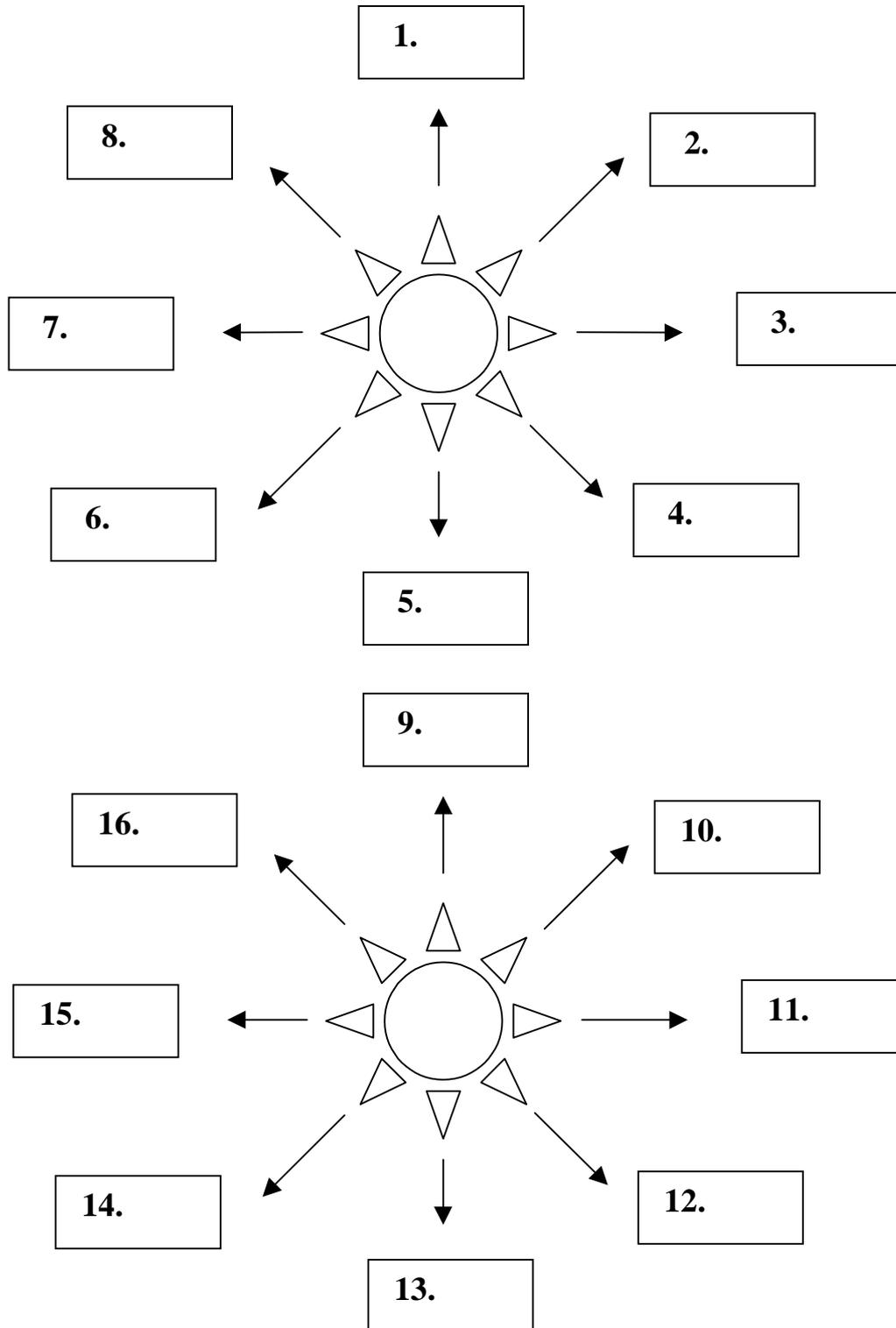
**Page 9**

1. 128    2. 217    3. 107    4. 130    5. 145    6. 81    7. 207  
8. 116    9. 57    10. 169

**Page 10**

1. 137    2. 226    3. 96    4. 139    5. 154    6. 90    7. 161  
8. 125    9. 63    10. 159

Use this to make your own addition/subtraction problems - on paper or the OHP, or use as answer sheets.



**Use this to make your own mental addition/subtraction sums, on paper or the OHP, or use as answer sheets.**

