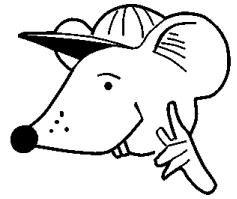


MATHEMATICS



N.S. Yr. 5 P.41

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

Equipment

Paper, pencil, ruler

MathSphere

© MathSphere P.O. Box 1234 Worthing BN13 2UJ www.mathsphere.co.uk

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

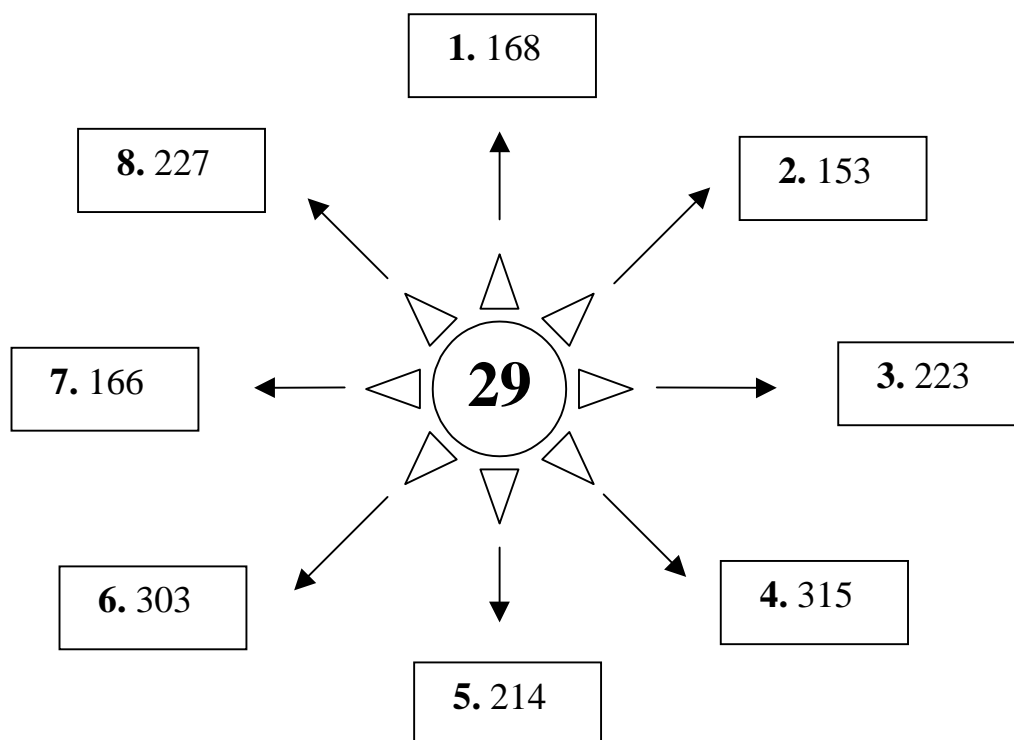
27. 899

28. 588

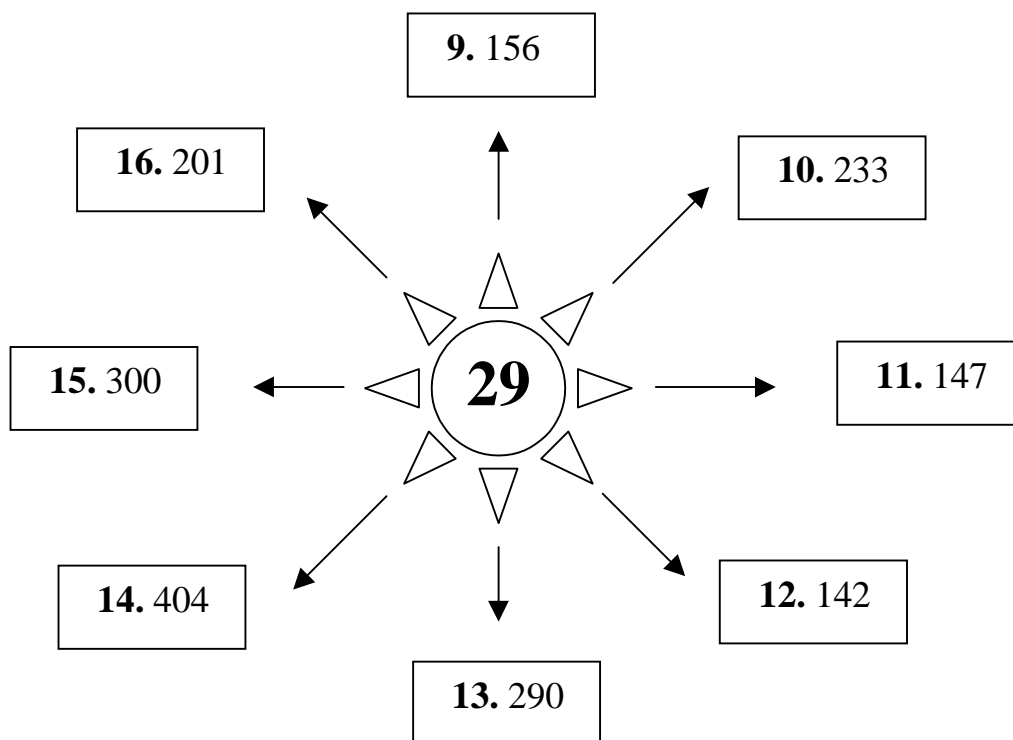
29. 615

30. 276

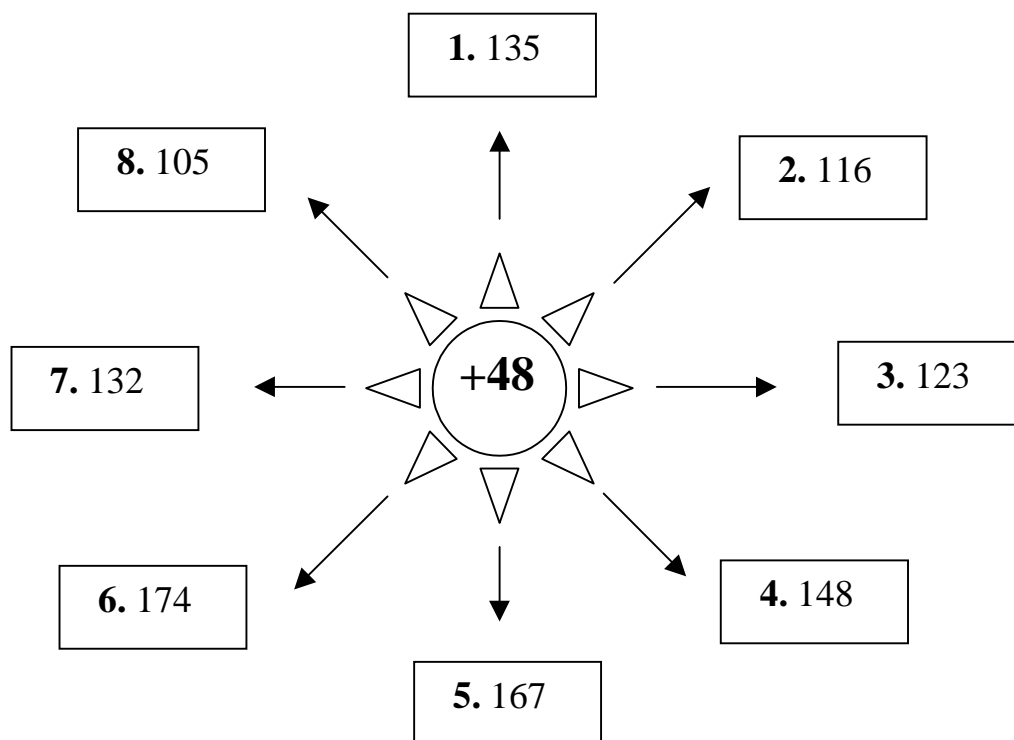
Add 29 to each of the numbers in the boxes below:



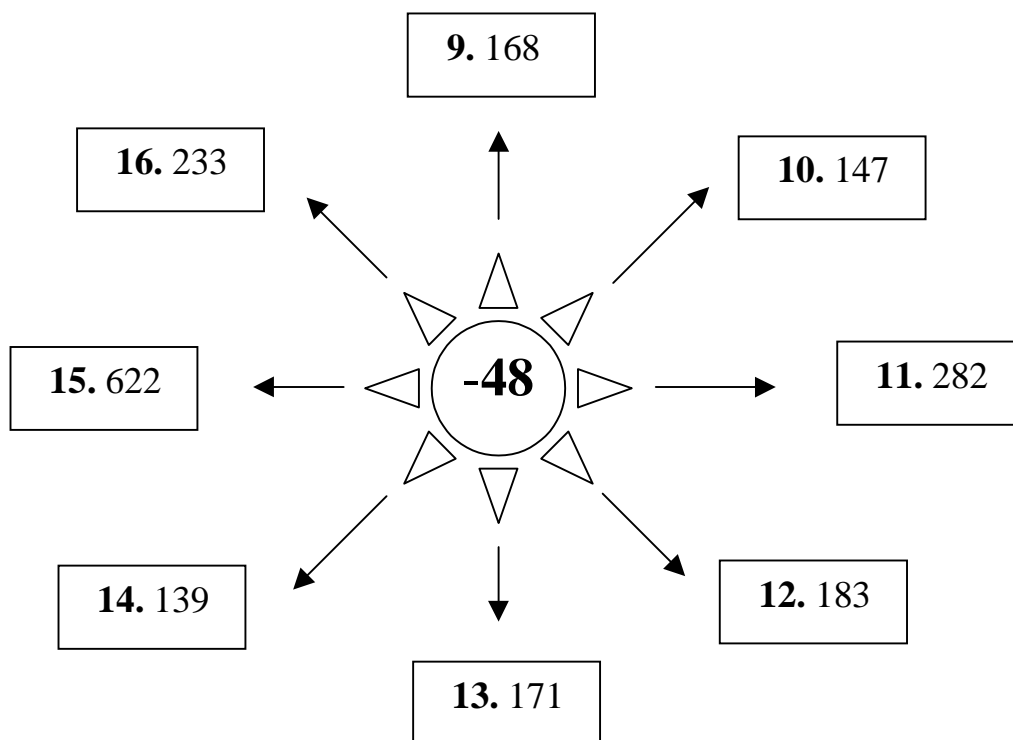
Take 29 from each of the numbers in the boxes below:



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.




1.27




2.69



3.43




4.58



5.14




6.85




8.54



7.77

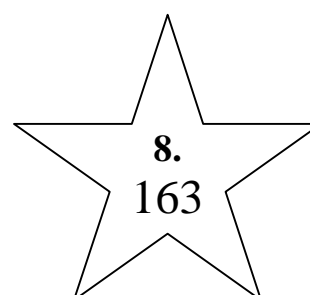
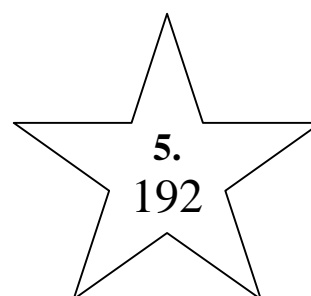
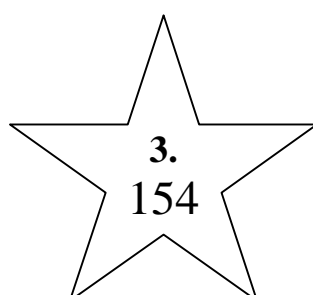
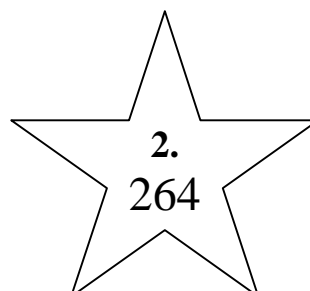
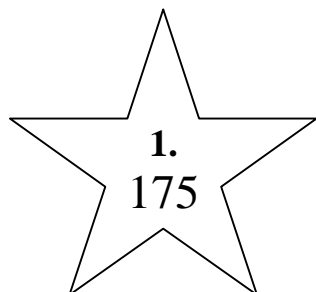


9.96

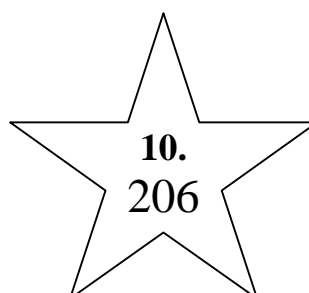
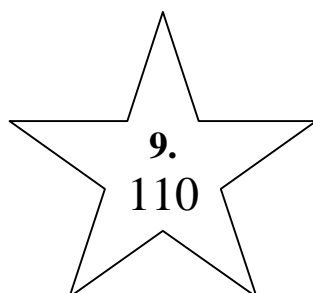
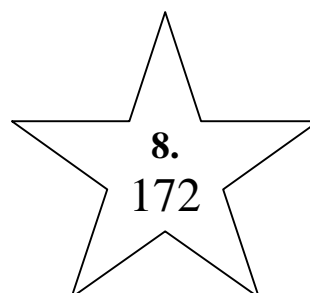
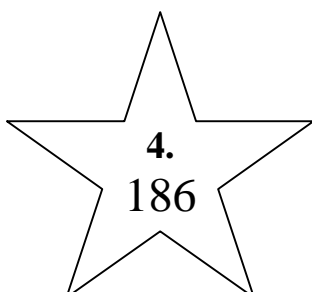
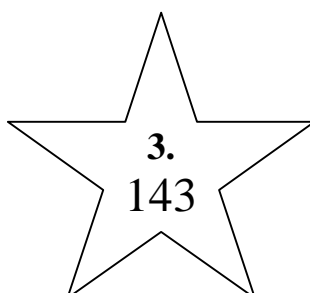
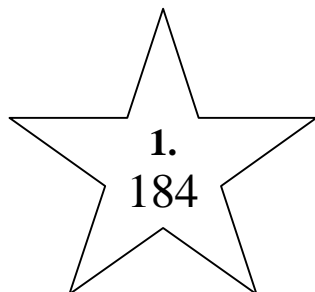


10.78

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

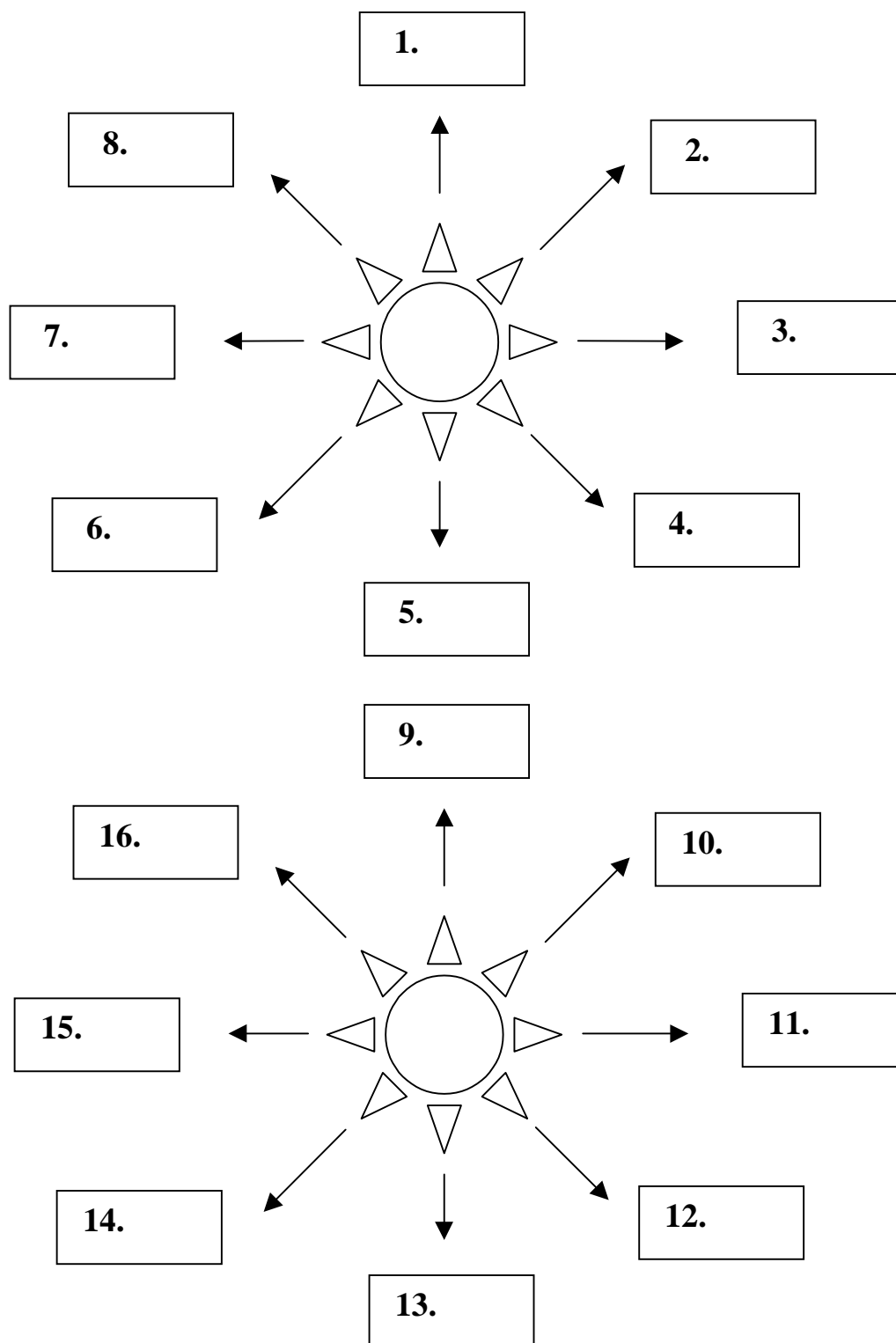
Page 9

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.

