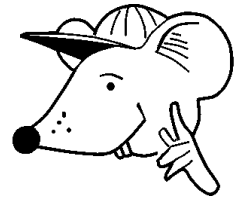


# MATHEMATICS



**N.S. Yr. 6 P.51**

**Develop and refine written methods  
for subtraction, building on mental methods**

## Equipment

Paper, pencil, ruler.  
Squared paper useful.

# MathSphere

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### Concepts

In Year 6 the children can build upon the three different ways that the Numeracy Strategy suggests for subtraction problems on paper. The first two in particular are partial mental methods which build on their knowledge of mental strategies. The third method is an efficient standard way of writing subtraction sums - known as the decomposition method.

The key to all three methods is that the sum is set out in columns and that units should line up under units, tens under tens and so on.

In Year 6 children will meet subtraction problems up to and including hundreds of thousands, as well as decimals to two decimal places.

#### Method 1: counting up

This is called "counting up" or complementary addition, and is a method very similar to mental subtraction which children are used to, whereby they count on to the next ten, hundred etc.

Example:

4 273	
<u>- 2 681</u>	
19	(2 681 up to 2700)
300	(2 700 up to 3 000)
<u>1 273</u>	(3 000 up to 4 273)
1 592	by adding the above figures.

#### Method 2: subtracting thousands and compensating

This method works by taking away to the nearest thousand above and then adding the difference to compensate. The child needs to be very confident with mental subtraction from whole hundreds.

Example:

4 273	
<u>- 2 681</u>	
1 273	(4 273 - 3 000)
<u>+ 319</u>	(3000 - 2 681)
1 592	

### Concepts

#### Method 3: decomposition

The more traditional paper and pencil method whereby if the units to be subtracted are larger than the original number then one ten is 'borrowed' from the tens column. Similarly with hundreds and thousands

Example:

$$\begin{array}{r} {}^3\cancel{4}{}^{11}\cancel{2}{}^173 \\ - 2681 \\ \hline 1592 \end{array}$$

It is clear from all these methods that the child needs to have a good understanding of place value and what is happening to the numbers, especially with method 3.

It is suggested that the child is shown and works with more than one of these methods and becomes secure in understanding and using at least one of the partial mental methods and the standard pencil and paper method ( method 3).

**Subtraction of thousands - paper and pencil methods**  
**Crossing the hundreds boundary**

**Please use pencil and paper methods of working out for all these:**

1. 
$$\begin{array}{r} 7\,145 \\ - 4\,352 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 6\,351 \\ - 2\,170 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 5\,834 \\ - 2\,663 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 4\,912 \\ - 1\,391 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 3\,728 \\ - 2\,333 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 2\,514 \\ - 1\,471 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 1\,602 \\ - 1\,211 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 4\,280 \\ - 3\,190 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 6\,418 \\ - 2\,156 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 7\,319 \\ - 4\,132 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 9\,153 \\ - 5\,071 \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 8\,426 \\ - 2\,345 \\ \hline \end{array}$$

13. 
$$\begin{array}{r} 3\,824 \\ - 2\,043 \\ \hline \end{array}$$

14. 
$$\begin{array}{r} 7\,143 \\ - 5\,071 \\ \hline \end{array}$$

15. 
$$\begin{array}{r} 4\,912 \\ - 3\,031 \\ \hline \end{array}$$

16. 
$$\begin{array}{r} 5\,822 \\ - 2\,072 \\ \hline \end{array}$$

**Work out the answers to the following subtraction sums, using pencil and paper methods, showing all working out:**

17.  $1\,634 - 1\,252$

18.  $2\,718 - 1\,346$

19.  $2\,736 - 1\,295$

20.  $1\,820 - 1\,490$

**Subtraction of thousands - paper and pencil methods**  
**Crossing the hundreds boundary**

**Please use pencil and paper methods of working out for all these:**

1. 
$$\begin{array}{r} 6\,256 \\ - 1\,184 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 7\,462 \\ - 5\,181 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 6\,945 \\ - 3\,660 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 5\,232 \\ - 2\,151 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 2\,617 \\ - 1\,376 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 1\,403 \\ - 1\,061 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 2\,576 \\ - 1\,095 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 3\,836 \\ - 1\,442 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 5\,524 \\ - 3\,283 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 6\,710 \\ - 1\,290 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 8\,419 \\ - 6\,070 \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 7\,314 \\ - 5\,172 \\ \hline \end{array}$$

13. 
$$\begin{array}{r} 4\,935 \\ - 1\,352 \\ \hline \end{array}$$

14. 
$$\begin{array}{r} 8\,254 \\ - 1\,193 \\ \hline \end{array}$$

15. 
$$\begin{array}{r} 5\,174 \\ - 2\,081 \\ \hline \end{array}$$

16. 
$$\begin{array}{r} 8\,827 \\ - 4\,444 \\ \hline \end{array}$$

**Work out the answers to the following subtraction sums, using pencil and paper methods, showing all working out:**

17.  $6\,358 - 1\,292$

18.  $3\,819 - 1\,675$

19.  $3\,866 - 1\,571$

20.  $1\,929 - 1\,364$

**Subtraction of thousands crossing the hundreds and tens boundary**

$$\begin{array}{r} 1. \quad 3\,516 \\ - 1\,238 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 4\,625 \\ - 2\,467 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 2\,746 \\ - 1\,389 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 1\,823 \\ - 1\,295 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 5\,942 \\ - 2\,653 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 6\,571 \\ - 3\,195 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 7\,334 \\ - 4\,087 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 8\,710 \\ - 6\,155 \\ \hline \end{array}$$



Show all your working out,  
especially when you  
'borrow' from the tens or  
hundreds.

$$\begin{array}{r} 9. \quad 6\,510 \\ - 2\,344 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 5\,371 \\ - 1\,199 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 4\,218 \\ - 2\,039 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 6\,425 \\ - 4\,147 \\ \hline \end{array}$$

**Set out the next 8 in exactly the same way as those above:**

$$13. \quad 1\,738 - 1\,359 \quad 14. \quad 4\,264 - 2\,186 \quad 15. \quad 3\,941 - 1\,357 \quad 16. \quad 2\,712 - 1\,386$$

$$17. \quad 1\,624 - 1\,386 \quad 18. \quad 2\,610 - 1\,255 \quad 19. \quad 7\,734 - 2\,066 \quad 20. \quad 5\,910 - 2\,446$$

**Subtraction of thousands crossing the hundreds and tens boundary**

1. 
$$\begin{array}{r} 2\ 415 \\ - 1\ 349 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 3\ 514 \\ - 2\ 178 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 1\ 635 \\ - 1\ 269 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 2\ 712 \\ - 1\ 143 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 4\ 831 \\ - 2\ 653 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 5\ 460 \\ - 3\ 195 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 6\ 223 \\ - 4\ 087 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 7\ 640 \\ - 6\ 155 \\ \hline \end{array}$$



Check by adding your  
answer to the lower  
number in the sum.

9. 
$$\begin{array}{r} 5\ 460 \\ - 2\ 374 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 4\ 264 \\ - 1\ 197 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 3\ 118 \\ - 2\ 059 \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 5\ 214 \\ - 4\ 136 \\ \hline \end{array}$$

**Set out the next 8 in exactly the same way as those above:**

**13.**  $1\ 627 - 1\ 259$    **14.**  $4\ 811 - 2\ 124$    **15.**  $3\ 733 - 1\ 358$    **16.**  $2\ 621 - 1\ 155$

**17.**  $1\ 713 - 1\ 245$    **18.**  $2\ 660 - 1\ 189$    **19.**  $7\ 730 - 2\ 155$    **20.**  $5\ 478 - 2\ 189$

**Subtraction crossing any of the tens, hundreds and thousands boundaries**

$$\begin{array}{r} 1. \quad 2\,564 \\ - 1\,475 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 3\,527 \\ - 1\,624 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 4\,443 \\ - 1\,936 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 5\,320 \\ - 2\,685 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 4\,236 \\ - 1\,682 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 5\,481 \\ - 1\,776 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 2\,311 \\ - 1\,537 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 6\,480 \\ - 4\,655 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 6\,731 \\ - 5\,984 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 2\,150 \\ - 1\,592 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 3\,163 \\ - 1\,734 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 8\,420 \\ - 2\,066 \\ \hline \end{array}$$



Take your time with these -  
it is easy to make a  
mistake!

$$13. \quad 7\,142 - 1\,466 \quad 14. \quad 4\,173 - 2\,839 \quad 15. \quad 7\,135 - 4\,573 \quad 16. \quad 8\,617 - 3\,281$$

$$17. \quad 6\,633 - 2\,875 \quad 18. \quad 5\,661 - 3\,966 \quad 19. \quad 2\,433 - 1\,590 \quad 20. \quad 5\,433 - 4\,780$$



**Subtraction crossing any of the tens, hundreds and thousands boundaries**

1. 
$$\begin{array}{r} 2\ 675 \\ - 1\ 384 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 3\ 638 \\ - 1\ 457 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 4\ 554 \\ - 1\ 728 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 5\ 431 \\ - 2\ 774 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 4\ 443 \\ - 1\ 793 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 5\ 594 \\ - 1\ 882 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 2\ 420 \\ - 1\ 648 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 6\ 591 \\ - 4\ 766 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 6\ 850 \\ - 5\ 993 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 2\ 261 \\ - 1\ 604 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 3\ 274 \\ - 1\ 825 \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 8\ 530 \\ - 2\ 285 \\ \hline \end{array}$$



Quite a mixed lot of  
subtractions, these. You'll  
do well to get them all  
right!

13.  $7\ 253 - 1\ 575$    14.  $4\ 281 - 2\ 927$    15.  $7\ 246 - 4\ 975$    16.  $8\ 828 - 3\ 191$

17.  $6\ 742 - 2\ 908$    18.  $5\ 505 - 3\ 867$    19.  $2\ 522 - 1\ 678$    20.  $5\ 544 - 4\ 890$

**Subtraction crossing two boundaries**

$$\begin{array}{r} 1. \quad 4\,800 \\ - 1\,645 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 4\,600 \\ - 2\,341 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 8\,500 \\ - 1\,358 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 6\,300 \\ - 1\,732 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 5\,900 \\ - 1\,473 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 3\,600 \\ - 2\,387 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 2\,200 \\ - 1\,191 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 4\,400 \\ - 2\,376 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 4\,005 \\ - 2\,361 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 2\,002 \\ - 1\,361 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 3\,009 \\ - 2\,473 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 4\,005 \\ - 1\,743 \\ \hline \end{array}$$



Think carefully about the noughts in these sums.

Remember 0 - 4 is not 4!

**Set out the next 8 so that you show all your working out:**

**13.** 5 005 - 2 665   **14.** 4 008 - 3 112   **15.** 9 006 - 2 134   **16.** 5 002 - 2 111

**17.** 4 007 - 2 993   **18.** 3 002 - 1 590   **19.** 3 004 - 1 772   **20.** 5 001 - 1 870

**Subtraction crossing two boundaries**

$$\begin{array}{r} 1. \quad 5\,900 \\ - 2\,656 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 5\,700 \\ - 3\,452 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 9\,600 \\ - 2\,469 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 7\,400 \\ - 2\,858 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 6\,100 \\ - 2\,584 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 5\,500 \\ - 3\,496 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 3\,300 \\ - 1\,262 \\ \hline \end{array}$$

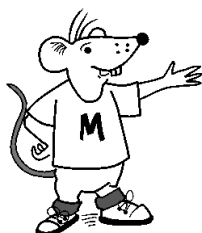
$$\begin{array}{r} 8. \quad 5\,500 \\ - 2\,487 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 4\,005 \\ - 2\,660 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 2\,002 \\ - 1\,750 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 3\,009 \\ - 2\,345 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 4\,005 \\ - 1\,812 \\ \hline \end{array}$$



If you are getting these right you are doing really well - they are quite hard!!

**Set out the next 8 so that you show all your working out:**

**13.**  $2\,005 - 1\,367$    **14.**  $5\,009 - 1\,088$    **15.**  $6\,001 - 2\,435$    **16.**  $5\,006 - 2\,482$

**17.**  $4\,003 - 2\,145$    **18.**  $7\,001 - 1\,870$    **19.**  $3\,007 - 1\,211$    **20.**  $5\,009 - 1\,765$

**Extending subtraction to decimals**

**Please use pencil and paper methods of working out for all these:**

1. 
$$\begin{array}{r} 7.45 \\ - 6.80 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 8.21 \\ - 2.66 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 5.35 \\ - 3.76 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 8.50 \\ - 1.99 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 26.45 \\ - 13.78 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 65.70 \\ - 28.85 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 65.33 \\ - 35.90 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 51.75 \\ - 45.95 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 75.29 \\ - 3.70 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 12.50 \\ - 4.66 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 54.70 \\ - 9.86 \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 73.15 \\ - 9.55 \\ \hline \end{array}$$

13. 
$$\begin{array}{r} 49.35 \\ - 7.85 \\ \hline \end{array}$$

14. 
$$\begin{array}{r} 82.60 \\ - 9.96 \\ \hline \end{array}$$

15. 
$$\begin{array}{r} 51.34 \\ - 17.68 \\ \hline \end{array}$$

16. 
$$\begin{array}{r} 66.06 \\ - 9.95 \\ \hline \end{array}$$

**Work out the answers to the following subtraction sums, using pencil and paper methods, showing all working out:**

17.  $17.75 - 10.88$

18.  $56.07 - 21.08$

19.  $78.44 - 62.37$

20.  $81.86 - 35.90$

**Extending subtraction to decimals**

**Please use pencil and paper methods of working out for all these:**

1. 
$$\begin{array}{r} 8.56 \\ - 5.70 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 9.32 \\ - 1.55 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 6.46 \\ - 4.90 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 9.61 \\ - 2.08 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 37.34 \\ - 24.67 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 76.81 \\ - 37.74 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 46.44 \\ - 28.80 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 62.86 \\ - 34.84 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 26.18 \\ - 4.90 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 23.60 \\ - 5.77 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 65.81 \\ - 4.78 \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 62.26 \\ - 6.78 \\ \hline \end{array}$$

13. 
$$\begin{array}{r} 38.52 \\ - 2.73 \\ \hline \end{array}$$

14. 
$$\begin{array}{r} 71.50 \\ - 8.82 \\ \hline \end{array}$$

15. 
$$\begin{array}{r} 62.45 \\ - 28.57 \\ \hline \end{array}$$

16. 
$$\begin{array}{r} 77.03 \\ - 7.04 \\ \hline \end{array}$$

**Work out the answers to the following subtraction sums, using pencil and paper methods, showing all working out:**

17.  $28.66 - 21.99$

18.  $67.08 - 32.19$

19.  $74.88 - 28.89$

20.  $92.97 - 46.39$

**Subtraction - varied examples.**

1. 
$$\begin{array}{r} 23\ 685 \\ - 17\ 423 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 40\ 628 \\ - 25\ 081 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 35\ 006 \\ - 16\ 993 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 89\ 310 \\ - 29\ 475 \\ \hline \end{array}$$

5.  $145.78 - 89.73 =$

6.  $785.30 - 345.08 =$

7.  $£350.00 - £240.95 =$

8.  $£119.09 - £67.95 =$

9.  $316\ 740 - 234\ 998 =$

10.  $705\ 066 - 321\ 567 =$



Wow! I reckon if you get these right you've just about cracked it!!

Remember - keep the units in line....  
And the tens... and the hundreds!!



11. Subtract 23 637 from 645 100

12. Take 197 045 from 200 000

13. How much more is £38.90 than £7.99 ?

14. Find the difference between 67 457 and 47 998

15.  $123\ 456 - 65\ 432$

**Subtraction - varied examples.**

1. 
$$\begin{array}{r} 34\,107 \\ - 12\,734 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 50\,729 \\ - 36\,004 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 46\,000 \\ - 12\,546 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 39\,003 \\ - 18\,830 \\ \hline \end{array}$$

5.  $256.37 - 93.09 =$

6.  $572.15 - 365.21 =$

7.  $£857.28 - £627.65 =$

8.  $£635.00 - £92.17 =$

9.  $623\,119 - 172\,377 =$

10.  $652\,710 - 312\,799 =$



Have I got them  
correct??

Yessssss!

If a dinosaur took  
an exam, he'd pass  
with extinction!  
Oh, well!!!



11. Subtract 34 176 from 756 200

12. Take 208 034 from 400 000

13. How much more is £435.76  
than £58.70 ?

14. Find the difference between  
24 310 and 28 000

15.  $246\,800 - 13\,579$

**Answers****Page 4**

1. 2 793	2. 4 181	3. 3 171	4. 3 521	5. 1 395	6. 1 043	7. 391
8. 1 090	9. 4 262	10. 3 187	11. 4 082	12. 6 081	13. 1 781	14. 2 072
15. 1 881	16. 3 750	17. 382	18. 1 372	19. 1 441	20. 330	

**Page 5**

1. 5 072	2. 2 281	3. 3 285	4. 3 081	5. 1 241	6. 342	7. 1 481
8. 2 394	9. 2 241	10. 5 420	11. 2 349	12. 2 142	13. 3 583	14. 7 061
15. 3 093	16. 4 383	17. 5 066	18. 2 144	19. 2 295	20. 565	

**Page 6**

1. 2 278	2. 2 158	3. 1 357	4. 528	5. 3 289	6. 3 376	7. 3 247
8. 2 555	9. 4 166	10. 4 172	11. 2 179	12. 2 278	13. 379	14. 2 078
15. 2 584	16. 1 326	17. 238	18. 1 355	19. 5 668	20. 3 464	

**Page 7**

1. 1 066	2. 1 336	3. 366	4. 1 569	5. 2 178	6. 2 265	7. 2 136
8. 1 485	9. 3 086	10. 3 067	11. 1 059	12. 1 078	13. 368	14. 2 687
15. 2 375	16. 1 466	17. 468	18. 1 471	19. 5 575	20. 3 289	

**Page 8**

1. 1 089	2. 1 903	3. 2 507	4. 2 635	5. 2 554	6. 3 705	7. 774
8. 1 825	9. 747	10. 558	11. 1 429	12. 6 354	13. 5 676	14. 1 334
15. 2 562	16. 5 336	17. 3 758	18. 1 695	19. 843	20. 653	

**Page 9**

1. 1 291	2. 2 181	3. 2 826	4. 2 657	5. 2 650	6. 3 712	7. 772
8. 1 825	9. 857	10. 657	11. 1 449	12. 6 245	13. 5 678	14. 1 354
15. 2 271	16. 5 637	17. 3 834	18. 1 638	19. 844	20. 654	

**Page 10**

1. 3 155	2. 2 259	3. 7 142	4. 4 568	5. 4 427	6. 1 213	7. 1 009
8. 2 024	9. 1 644	10. 641	11. 536	12. 2 262	13. 2 340	14. 896
15. 6 872	16. 2 891	17. 1 014	18. 1 412	19. 1 232	20. 3 131	

**Page 11**

1. 3 244	2. 2 248	3. 7 131	4. 4 542	5. 3 516	6. 2 004	7. 2 038
8. 3 013	9. 1 345	10. 252	11. 664	12. 2 193	13. 638	14. 3 921
15. 3 566	16. 2 524	17. 1 858	18. 5 131	19. 1 796	20. 3 244	



**Answers****Page 12**

**1.** 0.65     **2.** 5.55     **3.** 1.59     **4.** 6.51     **5.** 12.67     **6.** 36.85     **7.** 29.43  
**8.** 5.80     **9.** 71.59     **10.** 7.84     **11.** 44.84     **12.** 63.60     **13.** 41.50     **14.** 72.64  
**15.** 33.66     **16.** 56.11     **17.** 6.87     **18.** 34.99     **19.** 16.07     **20.** 45.96

**Page 13**

**1.** 2.86     **2.** 7.77     **3.** 1.56     **4.** 7.53     **5.** 12.67     **6.** 39.07     **7.** 17.64  
**8.** 28.02     **9.** 21.28     **10.** 17.83     **11.** 61.03     **12.** 55.48     **13.** 35.79     **14.** 62.68  
**15.** 33.88     **16.** 69.99     **17.** 6.67     **18.** 34.89     **19.** 45.99     **20.** 46.58

**Page 14**

**1.** 6 262     **2.** 15 547     **3.** 18 013     **4.** 59 835     **5.** 56.05     **6.** 440.22  
**7.** £109.05     **8.** £51.14     **9.** 81 742     **10.** 383 499     **11.** 621 463     **12.** 2 955  
**13.** £30.91     **14.** 19 459     **15.** 58 024

**Page 15**

**1.** 21 373     **2.** 14 725     **3.** 33 454     **4.** 20 173     **5.** 163.28     **6.** 206.94  
**7.** £229.63     **8.** £542.83     **9.** 450 742     **10.** 339 911     **11.** 722 024     **12.** 191 966  
**13.** £377.06     **14.** 3 690     **15.** 233 221