



THE LANGUAGE OF MATHS

a.m.	when written after a time, 'a.m.' stands for 'ante meridian', which means before midday Example 9 a.m. means 'nine o'clock in the morning'
brackets	if a question has some numbers in brackets, you should work out what is in the brackets before you do the rest of the question Example in the question $(7 \times 4) + 3$ you would multiply 7×4 before adding 3
denominator	the bottom number of a fraction – this tells you the fraction's name and how many equal parts something has been divided into Example $\frac{1}{4}$ ← something has been divided into four equal parts
double	when you double something you make it twice as big – doubling is the same as multiplying by 2 Example double 5 is 10 because $5 \times 2 = 10$
dozen	another word for 12 Example 'I would like a dozen cakes' means 'I would like 12 cakes'
	 Two trays of cakes. Each tray contains six cakes, for a total of twelve cakes, representing a dozen.
estimate	a sensible guess
even number	a whole number that can be divided exactly by two – even numbers always end in 0, 2, 4, 6 or 8 Example 8 divided by 2 = 4, so 8 is an even number
fraction	a part of a whole Example $\frac{1}{2}$ of a doughnut
multiple	the multiple of a number can be divided exactly by that number Example 4, 6, 8 and 100 are all multiples of 2 because 2 divides into them with no remainder
numerator	the top number of a fraction – this tells you how many of the parts you have Example $\frac{2}{3}$ ← something has been divided into three equal parts, and you have two of them
odd number	a whole number that cannot be divided exactly by two – odd numbers always end in 1, 3, 5, 7 or 9 Example 9 divided by 2 = 4 with 1 left over, so 9 is an odd number
place value	the value of a digit depends on where it appears in a number Example in 40 the '4' is worth 4 tens, but in 4000 the '4' is worth 4 thousands
p.m.	when written after a time, 'p.m.' stands for 'post meridian', which means after midday Example 9 p.m. means 'nine o'clock in the evening'
remainder	something left over after a division Example 9 divided by 2 equals 4 with a remainder of 1
right angle	an angle of 90 degrees or 90° (degrees are shown by the symbol $^\circ$)

SECTION 1 | Test 1


Schofield & Sims

A Answer

- Count the sticks. How many?  _____
- $3 + 6 =$ _____
- $7 - 2 =$ _____
- $5p + 2p + 1p =$ _____ p
- $9p - 6p =$ _____ p
- $8 = 5 + \blacksquare$ _____
- $4 \times 1 =$ _____
- $5 = 9 - \blacksquare$ _____
- $2 + 2 + 2 + 2 =$ _____


10  What time is it? _____ o'clock.

B Answer

- Find the total number of dots.  _____
- Take 0 from 7. _____
- Write the word for the missing number.
3, 5, \blacksquare , 9 _____
- Four more than five _____
- How many must be taken from 5 to leave 3? _____
- To eight add zero. _____
- What number equals double 2? _____
- From 6 subtract 3. _____
- Find the difference between 3 and 8. _____
- Which of these numbers is an odd number?

2	4	5	6	8
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C Answer



- Write the word for the number that comes between 6 and 8. _____
- Lucy has 7p and she spends 4p. How much has she left? _____ p
- Which is the shortest line? A, B or C? _____


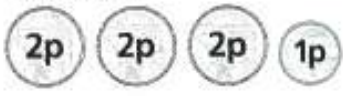
- Jack is 9 years old and Emily is 3 years younger. How old is Emily? _____
- By how much is 7p more than 3p? _____ p
- Anu has one 5p and one 2p. How much are these coins worth altogether? _____ p
- A line is 6cm long. By how many centimetres is it shorter than another line 8cm long? _____ cm
- Gita has two 2ps and four 1ps. How much money has she altogether? _____ p




9 Which is the third letter in the row?

A	B	C	D	E	F	G
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10  Daniel gets to school 2 hours later than the time on this clock. At what time does he arrive? _____ o'clock

- | A | Answer |
|--|--------|
| 1 How many beads? Write the number as a word.
 | _____ |
| 2 $2 + \square = 8$ | _____ |
| 3 $4p + 3p + 1p =$ _____ p | |
| 4 $9 - 5 =$ _____ | |
| 5 Which two numbers are missing?
2, \square , 4, 5, \square , 7, 8 _____ and _____ | |
| 6 $\square - 3 = 2$ | _____ |
| 7  What is the time? _____ o'clock | |
| 8 $7 + 2 = 2 + \square$ | _____ |
| 9 $5 - 5 =$ _____ | |
| 10 $7p = 5p + \square p$ _____ p | |

- | B | Answer |
|---|--------|
| 1 Write the missing even number.
2, 4, \square , 8 _____ | |
| 2 Seven minus four _____ | |
| 3 Find the total of 3, 0 and 5. _____ | |
| 4 Take 8 from 8. _____ | |
| 5 How many days in one week? _____ | |
| 6 Find the total value of these coins.
 _____ p | |
| 7 Write the number as a word that equals six plus three. _____ | |
| 8 Add 4p and 5p. _____ p | |
| 9 From 9 take 7. _____ | |
| 10 Subtract 0 from 6. _____ | |

- | C | Answer |
|---|---------|
| 1 Which is the longest line? A, B or C?
 | _____ |
| 2 Ross spent 3p. He had a 5p left. How much had he at first? _____ p | |
| 3 How many days in a school week starting Monday and finishing Friday? _____ | |
| 4 On a necklace there are nine jewels. Three rubies, three sapphires and the rest are diamonds. How many diamonds are there? _____ | |
| 5 Jessica has these coins in her purse. She spends 4p. How much has she left?
 | _____ p |
| 6 Tom is 4 years older than Amy who is 4. How old is Tom? _____ | |
| 7  This clock is 1 hour slow. What is the correct time? _____ o'clock | |
| 8 The length of a line is 8cm. Find the length of a line which is 3cm shorter. _____ cm | |
| 9 Katie has 2p and Jakub has twice as much. How much have they altogether? _____ p | |
| 10 George has one 5p and two 1ps. How much more does he need to make 9p? _____ p | |

SECTION 1 | Test 3

A Answer

- 1 $2 + 5 + 2 =$ _____
- 2 $8 - 0 =$ _____
- 3 $6 + \square = 10$ _____
- 4 $3 = 10 - \square$ _____
- 5 $10 + 7 =$ _____
- 6 $14 - 10 =$ _____
- 7 $5p + 2p + 1p + 2p =$ _____ p
- 8 $10p - 8p =$ _____ p
- 9 $12 - \square = 2$ _____
- 10 $£10 + \square = £15$ £ _____

B Answer


- 1 Write the number 14 as a word. _____
- 2 What is the missing number?
18, 17, 16, \square , 14, 13 _____
- 3 Double 5. _____
- 4 Find the total of these notes. £ _____




- 5 Subtract 6 from 10. _____
- 6 What number is added to 9 to make 19? _____
- 7 Find the change from a £10 note after spending £4. £ _____
- 8 Which is the even number?

9	11	13	15	16	17
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- 9 Increase 1 by 10.
Write the number as a word. _____

10  What is the time after 3 hours? _____ o'clock

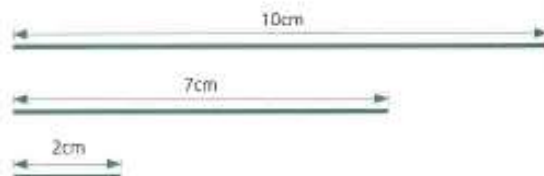
C Answer

1  Write the word for the number shown on the abacus. _____

- 2 Olivia spends £3 and £5. How much change from a £10 note? £ _____
- 3 At a party there were 17 plates of food. 10 are eaten. How many are left? _____
- 4 Sophie's cat is 11 years old. How old will the cat be in 6 years' time? _____


- 5 What number is taken from 19 to leave 12? _____

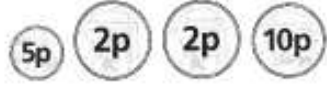
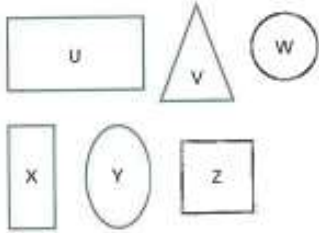
- 6 Find the total length of the three lines. _____ cm



- 7 What is the difference in centimetres between the longest and shortest lines? _____ cm
- 8 If Monday is the first day of the week, name the fourth day. _____
- 9 How many 2ps have the same value as a 10p coin? _____ 2ps
- 10 Hassan has two coins in his pocket with a total value of 12p. Name both coins. _____ p _____ p

A	Answer
1 $0 + 7 + 0 =$	_____
2 $9 + 3 - 5 =$	_____
3 $10 + \square = 13$	_____
4 $2 + 8 =$	_____
5 $6 + \square = 10$	_____
6 $\square - 5 = 10$	_____
7 What comes next? 4, 8, 12, 16, \square	_____
8 One 20p = one 10p + \square p	_____ p
9 $0 + \square = 10$	_____
10 $10\text{cm} + 6\text{cm} =$	_____ cm

B	Answer										
1 How many more dots are needed to make eighteen? 	_____										
2 One 20p = one 10p + \square 5ps	_____ 5ps										
3 Write the correct sign, + or -, in place of \bullet . $13 \bullet 4 = 17$	_____										
4 What number is added to 4 to make 16?	_____										
5 Decrease 20 by 5.	_____										
6 Which is the eighth letter in the row? <table border="1" style="display: inline-table; text-align: center; border-collapse: collapse;"><tr><td>A</td><td>C</td><td>E</td><td>G</td><td>H</td><td>J</td><td>M</td><td>O</td><td>P</td><td>W</td></tr></table>	A	C	E	G	H	J	M	O	P	W	_____
A	C	E	G	H	J	M	O	P	W		
7 Find the change from one 10p after spending 7p.	_____ p										
8 Find the sum of 3, 4, 0 and 10.	_____										
9 Ten plus eight minus seven	_____										
10 Which is the odd number? <table border="1" style="display: inline-table; text-align: center; border-collapse: collapse;"><tr><td>4</td><td>6</td><td>12</td><td>15</td><td>18</td><td>20</td></tr></table>	4	6	12	15	18	20	_____				
4	6	12	15	18	20						

C	Answer
1 Find the total value of these coins. 	_____ p
2 If the date is 4 May, what is the date 10 days later?	_____
3 The length of a piece of wood is 17cm. How many centimetres are sawn off to leave 10cm?	_____ cm
4 Ellie has 5p. Her sister has twice as much. Find the total of their money.	_____ p
5 What is the missing number? $4 + 10 + \square = 19$	_____
6 I spent 12p, 3p and 4p. How much change did I receive from one 20p?	_____ p
7 Sam is 18 years old. How old was he 7 years ago?	_____
8 16 people were on a bus. Seven got off and three got on. How many people were then on the bus?	_____
9 Which of these shapes is a a square a _____ b a circle? b _____	
	
10 On checking his answers to part C of this test, James had three wrong. How many had he correct?	_____