

# Level 1 Test – Skills

Name .....

## Number Facts Section 2 minutes Non-calculator

10 points minus 1 point per incorrect or missing answer. Minimum 0.

Score:

/10

Tick in the right column if correct.

	Question	Answer	Tick
Q1	$2 + 1$		
Q2	$4 + 4$		
Q3	$7 \times 2$		
Q4	$9 - 5$		
Q5	$8 + 9$		
Q6	$12 \div 3$		
Q7	$7 \times 5$		
Q8	$14 - 6$		
Q9	$2 + 9$		
Q10	$7 \times 7$		
Q11	$5 \times 8$		
Q12	$20 \div 4$		
Q13	$3 + 8$		
Q14	$35 \div 7$		
Q15	$17 - 9$		

	Question	Answer	Tick
Q16	$6 \times 9$		
Q17	$7 - 1$		
Q18	$9 + 5$		
Q19	$48 \div 8$		
Q20	$64 \div 8$		
Q21	$9 \times 3$		
Q22	$6 + 5$		
Q23	$12 - 7$		
Q24	$5 \times 9$		
Q25	$42 \div 6$		
Q26	$9 \times 7$		
Q27	$40 \div 8$		
Q28	$8 + 8$		
Q29	$17 - 8$		
Q30	$3 \times 6$		

# Level 1 Test – Skills

Name .....

## Mental Arithmetic Section 10 minutes Non-calculator

Each question is worth 1 mark. Only answers required. Scribbling paper allowed.

Score:

/15

Tick in the right column if correct.

	Question	Answer	Tick
Q1	$60 - 43$		
Q2	$245 + 139$		
Q3	$30 \times 40$		
Q4	$2400 \div 3$		
Q5	$712 - 348$		
Q6	$60 \times 25$		
Q7	$427 \div 7$		
Q8	$1.9 + 13.88$		
Q9	$9.7 - 4.1$		
Q10	$2^7$		
Q11	$\sqrt{81}$		
Q12	$2\frac{1}{2} + 1\frac{3}{4}$		
Q13	$\frac{1}{2}$ of 9		
Q14	$5 + 21 \div 1 \times 2$		
Q15	$12 \div (1 + 1 \times 3) - 3$		

**Level 1 Test – Skills**

Name .....

**Problem Solving Section 40 minutes Calculators allowed**

Work on the paper provided. Show your working and explain your thinking. You will get credit for solving the problems and for your communication. Part solutions will get part of the marks.

Problem Solving Score:                                /25                                Score in the right column.

Communication Score:                                /10

Q1	A mixture of 40 dogs and chickens have 124 legs. How many of the 40 are chickens?	/5
Q2	How many different pairs of prime numbers add to 60?	/10
Q3	What is the maximum number of points of intersection for 16 lines?	/10

# Level 1 Test – Skills

Name .....

## Investigating Section

1 week

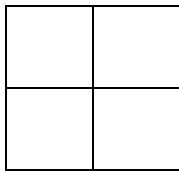
Calculators allowed

Work on the paper provided. Show your working and explain your thinking. You will get credit for what you find and for your communication.

Investigating Score: /25

Communication Score: /15

Squares tiles can be put together to make a figure which is the same shape as the original square, though bigger.



What other shapes allow this?