

# 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	$1 + 1$		
Q2	$4 + 3$		
Q3	$6 \times 2$		
Q4	$9 - 7$		
Q5	$7 + 9$		
Q6	$12 \div 3$		
Q7	$7 \times 5$		
Q8	$14 - 6$		
Q9	$2 + 9$		
Q10	$8 \times 7$		
Q11	$5 \times 6$		
Q12	$16 \div 4$		
Q13	$4 + 9$		
Q14	$42 \div 7$		
Q15	$16 - 9$		

	Question	Answer	Tick
Q16	$4 \times 9$		
Q17	$7 - 4$		
Q18	$8 + 5$		
Q19	$48 \div 8$		
Q20	$63 \div 7$		
Q21	$8 \times 3$		
Q22	$5 + 5$		
Q23	$13 - 5$		
Q24	$8 \times 9$		
Q25	$45 \div 5$		
Q26	$4 \times 7$		
Q27	$32 \div 8$		
Q28	$6 + 8$		
Q29	$17 - 9$		
Q30	$8 \times 8$		

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## 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	$45 + 72$		
Q2	$200 - 139$		
Q3	$300 \times 20$		
Q4	$4500 \div 30$		
Q5	$458 + 263$		
Q6	$712 - 388$		
Q7	$67 \times 5$		
Q8	$423 \div 3$		
Q9	$4.7 + 5.38$		
Q10	$11 - 4.1$		
Q11	$3^5$		
Q12	$\frac{1}{2} + \frac{3}{4}$		
Q13	$\frac{1}{4}$ of 6		
Q14	$9 + 15 \div 3 \times 2$		
Q15	$18 \div (2 + 5 \times 2)$		

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## 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	Adam's clock chimes every hour. Eve's clock chimes every $\frac{3}{4}$ hour. If they both chime at 2 pm, when do they next chime together?	/5
Q2	The product of three consecutive numbers is 195 054. What are the numbers? [Note that consecutive means that each is one more than the last.]	/10
Q3	How many different numbers can be obtained by multiplying a whole number between 1 and 6 inclusive by a different whole number from 1 to 6 inclusive?	/10

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## Investigating Section

1 week

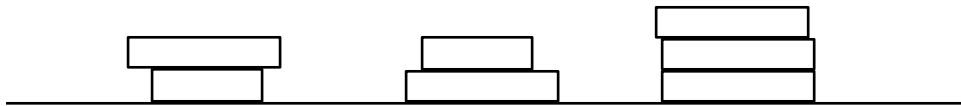
Calculators allowed

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

Scrooge likes to make piles of \$1 and \$2 coins. He tries to make as many different shaped piles as he can. He found he could make 3 different piles worth \$3.



Investigate how many different piles are possible for other amounts of money.