

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	$4 + 1$		
Q2	$2 + 4$		
Q3	7×3		
Q4	$8 - 5$		
Q5	$8 + 7$		
Q6	$24 \div 3$		
Q7	6×5		
Q8	$13 - 6$		
Q9	$4 + 9$		
Q10	7×8		
Q11	4×8		
Q12	$28 \div 4$		
Q13	$3 + 9$		
Q14	$49 \div 7$		
Q15	$15 - 9$		

	Question	Answer	Tick
Q16	6×6		
Q17	$7 - 4$		
Q18	$8 + 5$		
Q19	$42 \div 7$		
Q20	$72 \div 8$		
Q21	8×5		
Q22	$7 + 5$		
Q23	$14 - 6$		
Q24	7×9		
Q25	$30 \div 6$		
Q26	9×8		
Q27	$24 \div 8$		
Q28	$6 + 8$		
Q29	$17 - 9$		
Q30	4×6		

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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	$60 + 43$		
Q2	$246 - 137$		
Q3	20×5000		
Q4	$2400 \div 80$		
Q5	$7^2 - 6^2$		
Q6	40×125		
Q7	$400 \div 16$		
Q8	$3.57 + 3.9$		
Q9	$9 - 4.16$		
Q10	2^{10}		
Q11	$\sqrt{144}$		
Q12	$2\frac{1}{3} \times 3$		
Q13	$\frac{1}{4}$ of 9		
Q14	$(25 - 21 \div 3) \times 2$		
Q15	$100 \div (30 - 40 \div 8)$		

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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	The perimeter of a rectangle is 26 cm. Its area is 40 cm ² . What are its dimensions?	/5
Q2	With my small mower I can mow the lawn in 1 h 20 min. Jacob, with his bigger mower can mow it in 50 minutes. How long will it take if we mow it together?	/10
Q3	Lara has 2 red bricks, 2 green bricks, 1 white brick and 1 black brick. How many different vertical stacks consisting of three bricks can she make?	/10

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Investigating Section

1 week

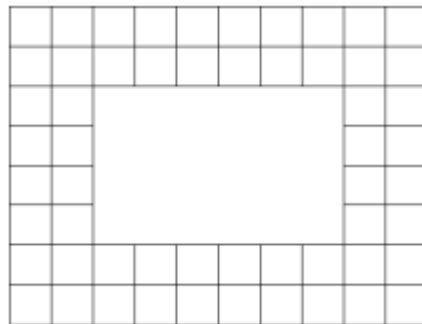
Calculators allowed

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

Fagan’s Pool Company makes rectangular pools, always a whole number of metres long and a whole number of metres wide. They surround the pool with 1 m by 1 m square tiles. Customers can have one or more rows of tiles. The pool below is 6 m by 4 m with 2 rows of tiles.



Investigate the number of tiles needed for various pools.