

Level 2 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	$4 + 3$		
Q2	$6 + 5$		
Q3	5×3		
Q4	$9 - 2$		
Q5	$4 + 8$		
Q6	$12 \div 4$		
Q7	9×5		
Q8	$13 - 9$		
Q9	$4 + 4$		
Q10	7×9		
Q11	3×6		
Q12	$24 \div 8$		
Q13	$9 + 7$		
Q14	$56 \div 8$		
Q15	$15 - 9$		

	Question	Answer	Tick
Q16	4×6		
Q17	$12 - 3$		
Q18	$9 + 5$		
Q19	$42 \div 6$		
Q20	$36 \div 4$		
Q21	5×4		
Q22	$7 + 3$		
Q23	$11 - 6$		
Q24	9×6		
Q25	$30 \div 5$		
Q26	4×7		
Q27	$48 \div 8$		
Q28	$5 + 8$		
Q29	$14 - 8$		
Q30	9×3		

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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	$123 + 52$		
Q2	$420 - 170$		
Q3	500×30		
Q4	$1650 \div 50$		
Q5	418×3		
Q6	$\frac{3}{5}$ of 125		
Q7	11.5% of \$200		
Q8	500×0.02		
Q9	$0.05 \div 0.002$		
Q10	$-13 + 4.5$		
Q11	-4×-4.3		
Q12	$\frac{2}{3} \times \frac{1}{4}$		
Q13	$1 \div \frac{7}{6}$		
Q14	$4 + 15 \div 3 \times 2$		
Q15	$20 \div (7 - 6 \times 2)$		

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Problem Solving Section 45 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	What is the value of “D” in the following multiplication? $\begin{array}{r} A B C D \\ \times \quad \quad 4 \\ \hline D C B A \end{array}$	/5
Q2	Soldier Josh stood guard at the camp entrance from 6 pm until Randy took over. Randy stayed on guard until 6:30 the next morning. Josh stood guard $1\frac{1}{2}$ times as long as Randy. When did they swap over?	/10
Q3	The single-digit prime numbers were written on four counters (one on each) and the counters were placed in a bag. Kate put in her hand and pulled out two counters. What is the probability that the sum of the numbers on them is a prime number?	/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

In the Woopie Republic they only have \$4 notes and \$7 notes. So it's possible to make \$15, but not \$9. What amounts of money can be made?

What if the two types of notes were different denominations, e.g. \$5 and \$12?