

**2025
FOUNDATION MATHEMATICS
PRIMARY 6
ANSWER KEY**

Paper 1 Booklet A (Total : 30 marks)

Q1 to 10 : 1 mark each

Q1.	4	Q2.	3	Q3.	3	Q4.	3	Q5.	3
Q6.	3	Q7.	1	Q8.	3	Q9.	3	Q10.	1

Q11 to 20 : 2 marks each

Q11.	2	Q12.	2	Q13.	1	Q14.	2	Q15.	4
Q16.	1	Q17.	4	Q18.	3	Q19.	2	Q20.	2

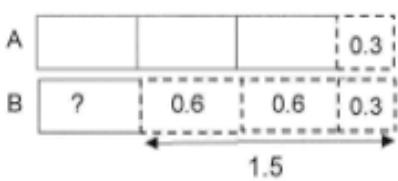
Paper 1 Booklet B (Total : 20 marks)

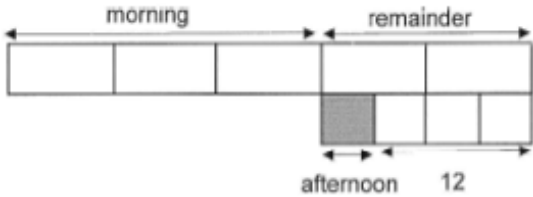
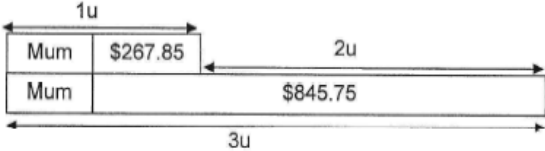
Q21 to 30 : 2 marks each

Q21.	a) 458 b) 16	A1 A1
Q22.	a) 10011 b) 16	A1 A1
Q23.	$\frac{10}{100} \times 4000 = \mathbf{400}$	M1A1
Q24.	$12\frac{3}{4}$	M1A1
Q25.	$\frac{1}{2} \times 20 \times 8 = \mathbf{80}$	M1A1
Q26.	100	A2
Q27.	$106^{\circ} - 37^{\circ} = \mathbf{69^{\circ}}$	M1A1
Q28.	$\frac{3}{8} + \frac{1}{2} - \frac{3}{4} = \frac{\mathbf{1}}{8}$	M1A1
Q29.	$7.1 + 7.4 = 14.5$ $14.5 \div 2 = \mathbf{7.25}$	M1A1
Q30.	$61 - 23 = 38$ $61 + 38 = \mathbf{99}$	M1A1

Paper 2 (Total : 40 marks)

Q1 to 10 : 2 marks each

Q1.	$\$2.50 \times 5 = \12.50 $(\$2 + \$2.50) \times 2 = \$9$ $\$12.50 + \$9 = \mathbf{\$21.50}$	M1A1
Q2.	$1 - \frac{1}{8} = \frac{7}{8}$ $\frac{7}{8} \div 4 = \frac{7}{8} \times \frac{1}{4} = \frac{7}{32}$	M1 A1
Q3.	$900 \text{ g} \div 100 \text{ g} = 9$ $9 \times 20 = \mathbf{180}$	M1A1
Q4.	$180^\circ - 90^\circ - 40^\circ = 50^\circ (\angle PRQ)$ $180^\circ - 50^\circ = 130^\circ$ $130^\circ \div 2 = \mathbf{65^\circ}$	M1A1
Q5.	$32 - 12 = 20$ $\frac{20}{32} = \frac{5}{8}$	M1A1
Q6.	$172 - 15 = 157$ $172 + 5 = 177$ $177 - 157 = \mathbf{20}$	M1 A1
Q7.	 $1.2 \div 2 = \mathbf{0.6}$	M1A1
Q8.	$55\% \times 660 = 363$ $660 - 363 = \mathbf{297}$	M1 A1
Q9.	$205 + 120 = 325$ $325 \div 100 = \mathbf{3.25}$	M1 A1
Q10.	Crayons  Markers  3 units $\rightarrow$ 105 1 unit $\rightarrow 105 \div 3 = 35$ Number of markers = $35 \times 5 = \mathbf{140}$	M1 A1

	Award only A1 if there is no evidence of any working done and the answer is correct for 3 marks and above questions. Award zero mark if the method is wrong, even though the answer is correct. Deduct ½ mark for missing or incorrect unit. Deduct ½ mark for missing statement only if the solution is entirely correct for 4-mark and 5-mark questions. Do not deduct again if ½ mark is already deducted for missing or wrong units.	
Q11	$\angle BGF = (180^\circ - 106^\circ) \div 2 = 37^\circ$ $\angle BGH = 180^\circ - 37^\circ = \mathbf{143^\circ}$	M1 M1A1
Q12.	a) 8.55 a.m. b) 35 min late $\rightarrow$ 35 min after 8.55 a.m. is 9.30 a.m. Take train at 9.50 a.m. to reach airport at 10.30 a.m.	A1 M1 A1
Q13	a) $\\$9.50 \div \\$1.90 = \mathbf{5}$ b) $\\$9.50 + \\$26.50 = \mathbf{\\$36}$	A1 M1A1
Q14	 $3u \rightarrow 12$ $1u \rightarrow 12 \div 3 = 4$ $4u \rightarrow 4 \times 4 = 16$ $(16 \times 2) + 8 = 40$	 M1 M1A1
Q15	a) $70 \div 2 = \mathbf{35 \text{ cm}}$ b) $35 - 32 = 3$ $110 \times 45 \times 3 = 14\,850$ $14\,850 \div 1000 = \mathbf{14.85 \text{ ¢}}$	A1 M1A1 A1
Q16	Sally Andy  a) $845.70 - 267.80 = \mathbf{\\$577.90}$ b) $2u \rightarrow 577.90$ $1u \rightarrow 577.90 \div 2 = 288.95$ $288.95 - 267.85 = \mathbf{\\$21.10}$	 A1 M1 M1A1