PROVINCIAL EXAMINATION

NOVEMBER 2021

GRADE 6
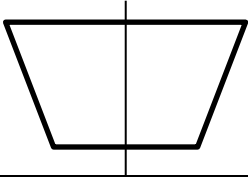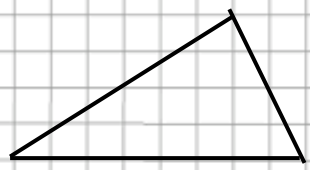
MARKING GUIDELINES

MATHEMATICS

5 pages

General marking notes:

1. **Give full marks for answers only, unless otherwise stated.**

2. **Accept any alternative correct solution that is not included in the memorandum.**

3. **CA refers to Consistent Accuracy.**

QUESTION		EXPECTED ANSWER	CLARIFICATION	MARKS
1.	1.1	C		1
	1.2	D		1
	1.3	A		1
	1.4	A		1
	1.5	B		1
	1.6	A		1
	1.7	C		1
	1.8	C		1
	1.9	A		1
	1.10	D		1
	1.11	C		1
	1.12	B		1
	1.13	B		1
	1.14	B		1
	1.15	D		1
				[15]

2.	2.1	$1\ 000\ \text{g}$ ✓ $+ 500\ \text{g} + 250\ \text{g}$ $= 1\ 750\ \text{g}$ ✓ **OR** $1\ \text{kg} + 0,5\ \text{kg} + 0,25\ \text{kg}$ ✓ $= 1,75\ \text{kg}$ ✓ **OR** $1\ \text{kg} + \frac{1}{2}\ \text{kg} + \frac{1}{4}\ \text{kg}$ ✓ $= 1\frac{3}{4}\ \text{kg}$ ✓	Correct answer: 2 marks Convert so that units are uniform: 1 mark. Add mass of objects: 1 mark. Accept any other alternate correct method. Apply CA.	(2)
	2.2	$\begin{array}{r} 6\ 7\ ,\ 8 \\ -\ ✓\ 5\ 4\ ,\ 0 \\ \hline 1\ 3\ ,\ 8\ ✓\ \text{km} \end{array}$	Correct answer: 2 marks Performing a subtraction sum: 1 mark Answer: 1 mark Accept any other alternate correct method.	(2)
	2.3	<u>8 hours</u> ✓ 15 minutes ✓	Correct answer: 2 marks 8 hours: 1 mark 15 minutes: 1 mark	(2)
	2.4	$6 + 4 + 2 + 3 + 4 + 7$ ✓ $= 26\ \text{cm}$ ✓	Correct answer: 2 marks Adding sides: 1 mark 26 cm: 1 mark	(2)
	2.5	$3\ \text{cm} \times 6\ \text{cm}$ 18 ✓ cm^2 ✓	Correct answer: 2 marks 18: 1 mark cm^2: 1 mark	(2)
				[10]

3.	3.1	Name of object	Tetrahedron / Triangular Pyramid ✓		
		Number of faces	4 ✓		
		Number of vertices	5 ✓		(3)
	3.2	Parallelogram ✓			(1)
	3.3	Hexagon ✓			(1)
	3.4	✓			(1)
	3.5	✓✓	Length: 8 Blocks: 1 mark Height: 4 Blocks: 1 mark		(2)
					[8]

4.	4.1		Correct answer: 2 marks 35 : 1 mark ＨＨＨ ＨＨＨ ＨＨＨ ＨＨＨ ＨＨＨ 1 mark	
				(2)
	4.2		Correct answer: 2 marks Double bar for April: 1 mark Double bar for May: 1 mark	
				(2)
				[4]
5.	5.1	(a) $\dfrac{1}{5}+\dfrac{3}{10}$ $=\dfrac{2}{10}\checkmark+\dfrac{3}{10}$ $=\dfrac{5}{10}\checkmark$	Correct answer: 2 marks Finding an equivalent fraction with a common denominator: 1 mark $\dfrac{5}{10}$: 1 mark (Or any equivalent fraction to make denominators equal).	
				(2)
		(b) $\dfrac{1}{5}$ of 250 acres = 50 acres. 250 acres + 50 acres = 300 acres. Fraction of apples = $\dfrac{50}{300}$ $\checkmark$ **OR $\dfrac{5}{30}$ OR $\dfrac{1}{6}$**	Correct answer: 1 mark Accept any equivalent fraction.	
				(1)
				[3]
			TOTAL:	**40**