Assessment Schedule AE2 – Term 3, Week 2, 2026

Numeracy (32406)

Assessment Criteria

Outcome 1	Outcome 2	Outcome 3
Formulate mathematical and statistical approaches to solving problems in a range of everyday situations.	Use mathematics and statistics to meet the numeracy demands of a range of everyday situations.	Explain mathematical and statistical responses to situations.

Evidence (Week two | 14–18 September 2026)

Question	Correct response / Judgement	Outcome			Scoring response	Validation	
ONE		1	2	3		**Type**	**Max characters**
1(a)	8 tablespoons *(unit not required).*		✓		8	Numeric	3
1(b)	$1.80 *(unit not required).*		✓		1.80 1.8	Numeric with decimal	4
1(c)	No. The picture shows that the level of milk is at ½ cup. One cup is 250 mL. So, half a cup is half of 250 = 125. No, there is not 125 mL, there is 150 mL.			✓	Human marked		
1(d)	(iv)	✓			(iv)	Multi-choice	
1(e)	35 cm *(unit not required).*		✓		35 35.0 35.00	Numeric with decimal	5
1(f)	(iv)	✓			(iv)	Multi-choice	

Question	Correct response / Judgement	Outcome			Scoring response	Validation	
TWO		1	2	3		**Type**	**Max characters**
2(a)	(ii)		✓		(ii)	Multi-choice	
2(b)	(v)	✓			(v)	Multi-choice	
2(c)	Next showing of Halley's Comet will be 2060, 2061, or 2062. Working: 1910 + 75 = 1985 + 75 = 2060; or 1910 + 76 = 1986 + 76 = 2062; or 1910 + 75(76) + 76(75) = 2061.			✓	Human marked		
2(d)	(iii)	✓			(iii)	Multi-choice	
2(e)	125 or –125 (15 – minus 110) *(unit not required).* Also accept –125.		✓		125 -125	All characters	4
2(f)	Likely / Yes. The chance of a red star is 77% (77 in 100). When 6 stars are chosen at random, it is likely that each one will be a red star (77% chance for each). So, it is also likely that all 6 stars will be red. Unlikely. Probability is based on chance. Even though 77% is a high percentage chance, it is not impossible that all 6 stars could be a coloured star different to red, as it is all based on chance.			✓	Human marked		

Question	Correct response / Judgement	Outcome			Scoring response	Validation	
THREE		1	2	3		**Type**	**Max characters**
3(a)	$4.40 (12.6 + 7.4 + 4.2 + 5.8 + 7.4 = 37.4 – 33 = 4.40)			✓	Human marked		
3(b)	$9.60 *(unit not required).*		✓		9.60 9.6	Numeric with decimal	4
3(c)	$4.20 *(unit not required).* (Accept $4.16 and $4.19)		✓		4.20 4.2 4.16 4.19	Numeric with decimal	4
3(d)	4.2 km/h *(unit not required).*	✓			4.2 4.20	Numeric with decimal	4
3(e)	According to the graph: Tuesday (about 53 sales on each Tuesday) and Wednesday (about 54 sales on each Wednesday). These 2 days have the lowest number of sales per day, so the owner may want to put in specials on those days to get more customers in. Could argue Saturday and maybe Sunday as well (both in the range of 65 to 70 sales on each day).			✓	Human marked		
3(f)	(ii)		✓		(ii)	Multi-choice	

[1]*Numeric with decimal*

Question	Correct response / Judgement	Outcome			Scoring response	Validation	
FOUR		1	2	3		**Type**	**Max characters**
4(a)	(v)	✓			(v)	Multi-choice	
4(b)	(iii)	✓			(iii)	Multi-choice	
4(c)	(iv)		✓		(iv)	Multi-choice	
4(d)	120 km (*unit not required*). (Accept 110 and 130)	✓			110 120 130	Numeric	3
4(e)	The student must state a position: **No or Yes.** No – 166 / 328 = 0.5061 (50.61%). This value is not 50%, it is a little higher than 50% or 328 / 2 = 164, which is not 166, so 'no' it is not half the height of the Sky Tower. Yes – 166 / 328 = 0.5061 (50.61%). This is almost 50% (half the height of the Sky Tower).			✓	Human marked		
4(f)	As the wind speed increases (gets stronger), the wave height increases (gets higher). This can be seen in the graph. The first red-circled dot (10,0.7) is much lower (lower wind speed with lower wave height), than the second red-circled dot (50,5.1) with a higher wind speed and a higher wave height. Can also talk about the overall trend (line of best fit) but must include the two red-circled dots.			✓	Human marked		

Question	Correct response / Judgement	Outcome			Scoring response	Validation	
FIVE		1	2	3		**Type**	**Max characters**
5(a)	60		✓		60	Numeric	3
5(b)	(iv)	✓			(iv)	Multi-choice	
5(c)	(iii)	✓			(iii)	Multi-choice	
5(d)	I2 or 2I (Accept i2 or 2i)	✓			I2 i2 2I 2i	All characters	2
5(e)	$5.00 (*unit not required*).		✓		5.00 5 5.0	Numeric with decimal	4
5(f)	**No.** The number of dancers for each dance are: **Breakdance 23** Contemporary 14 Ballet 9 Celtic 7 The three combined equals 30 dancers – more than Breakdance dancers (23).			✓	Human marked		