Assessment Schedule AE2 – Term 3, Week 1, 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 one | 7–11 September 2026)

Question	Correct response / Judgement	Outcome			Scoring response	Validation	
ONE		1	2	3		**Allow (Type)**	**Max characters**
1(a)	7 tablespoons *(unit not required).*		✓		7	Numeric	3
1(b)	$1.65 *(unit not required).*		✓		1.65	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 120 mL, there is 125 mL. Yes. Same logic, but 125 mL is about the same as 120 mL. Yes / No. The top of the meniscus is at the half a cup level, whereas away from the edges, the milk could be 120 mL.			✓	Human marked		
1(d)	(ii)	✓			(ii)	Multi-choice	
1(e)	45 cm *(unit not required).*		✓		45 45.0 45.00	Numeric with decimal	5
1(f)	(v)	✓			(v)	Multi-choice	

Question	Correct response / Judgement	Outcome			Scoring response	Validation	
TWO		1	2	3		**Type**	**Max characters**
2(a)	(iii)		✓		(iii)	Multi-choice	
2(b)	(iv)	✓			(iv)	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) = 1985 + 76(75) = 2061.			✓	Human marked		
2(d)	(iv)	✓			(iv)	Multi-choice	
2(e)	80 (15 – minus 65) *(unit not required).* Also accept ¯80.		✓		80 -80	All characters	3
2(f)	Unlikely. The chance of a blue-white star is 1% (1 in 100). Even when six stars are chosen at random, it is unlikely that any of them will fall into 1 in 100. Possible. Probability is based on chance. Even though 1% is very small, it is not impossible that one or more of the six stars could be a blue-white star, 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)	$11.10, (18.9 + 7.4 + 8.4 + 8.7 + 3.7 = 47.1 – 36 = 11.1)			✓	Human marked		
3(b)	$8.49 (Accept $8.50)		✓		8.49 8.5 8.50	Numeric with decimal	4
3(c)	$3.60 *(unit not required).* (Accept 3.56 and 3.59)		✓		3.60 3.6 3.56 3.59	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: Thursday, Friday, and Monday. These 3 days have the **highest number of sales** per day, so more staff would help with the busy workload on those days. Tuesday, Wednesday, and maybe Sunday (or Saturday). These 3 days have the **lowest number of sales** per day, so the owner may want to not work these days and have just the part-time staff working instead.			✓	Human marked		
3(f)	(iv)		✓		(iv)	Multi-choice	

Question	Correct response / Judgement	Outcome			Scoring response	Validation	
FOUR		1	2	3		**Type**	**Max characters**
4(a)	(iv)	✓			(iv)	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 (15,1.7) is much lower (lower wind speed with lower wave height), than the second red-circled dot (46,4.8) 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)	45		✓		45	Numeric	3
5(b)	(iv)	✓			(iv)	Multi-choice	
5(c)	(i)	✓			(i)	Multi-choice	
5(d)	G4 or 4G (Accept g4 or 4g)	✓			G4 g4 4G 4g	All characters	2
5(e)	$4.00 (*unit not required*).		✓		4.00 4 4.0	Numeric with decimal	4
5(f)	**No.** The number of dancers for each dance are: **Hip Hop 28** Contemporary 14 Ballet 9 Celtic 7 The three combined equals 30 dancers – more than Hip Hop dancers (28).			✓	Human marked		