Functional Skills

Maths Level 2

Paper 1

OPEN AWARDS

Practice Paper Feedback Sheet:

Sarah Reed

PASS FUNCTIONAL SKILLS

Contents

Practice Paper 1

Summary

Name:	Sarah Reed	
Section A result:	10/15	66.67%
Section B result	34/45	75.56%
Overall result:	44/60	73.33%
Pass / Fail:	Pass	

Mark Breakdown

Section A			
Question	**Marks Available**	**Marks Awarded**	**Level 2 Subject Content**
1	1	1	SoS9. Order, approximate and compare decimals
2	1	1	SoS2. Carry out calculations with numbers up to one million including strategies to check answers including estimation and approximation
3	2	1	SoS7. Order, add, subtract and compare amounts or quantities using proper and improper fractions and mixed numbers
4	2	1	SoS23. Calculate the median and mode of a set of quantities
5	3	1	SoS11. Understand and calculate using ratios, direct proportion and inverse proportion
6	4	4	SoS2. Carry out calculations with numbers up to one million including strategies to check answers including estimation and approximation SoS11. Understand and calculate using ratios, direct proportion and inverse proportion
7	2	1	SoS27. Express probabilities as fractions, decimals and percentages
Total	**15**	**10**	

Section B			
Question	**Marks Available**	**Marks Awarded**	**Level 2 Subject Content**
8	4	4	SoS16. Calculate perimeters and areas of 2-D shapes including triangles and circles and composite shapes including non-rectangular shapes (formulae given except for triangles and circles)
9	3	2	SoS24. Estimate the mean of a grouped frequency distribution from discrete data
10	1	1	SoS19. Use coordinates in 2-D, positive and negative, to specify the positions of points
11	2	2	SoS8. Express one number as a fraction of another
12	5	2	SoS15. Calculate using compound measures including speed, density and rates of pay
13	4	3	SoS15. Calculate using compound measures including speed, density and rates of pay SoS17. Use formulae to find volumes and surface areas of 3-D shapes including cylinders (formulae to be given for 3-D shapes other than cylinders)
14	1	1	SoS21. Draw 3-D shapes to include plans and elevations
15	3	2	SoS6. Calculate percentage change (any size increase and decrease), and original value after percentage change
16	2	2	SoS14. Convert between metric and imperial units of length, weight and capacity using a) a conversion factor b) a conversion graph SoS16. Calculate perimeters and areas of 2-D shapes including triangles and circles and composite shapes including non-rectangular shapes (formulae given except for triangles and circles)
17	5	3	SoS2. Carry out calculations with numbers up to one million including strategies to check answers including estimation and approximation SoS13. Calculate amounts of money, compound interest, percentage increases, decreases and discounts including tax and simple budgeting SoS14. Convert between metric and imperial units of length, weight and capacity using a) a conversion factor b) a conversion graph SoS16. Calculate perimeters and areas of 2-D shapes including triangles and circles and composite shapes including non-rectangular shapes (formulae given except for triangles and

			circles)
18	1	1	SoS28. Draw and interpret scatter diagrams and recognise positive and negative correlation
19	4	2	SoS25. Use the mean, median, mode and range to compare two sets of data
20	2	1	SoS3. Evaluate expressions and make substitutions in given formulae in words and symbols
21	2	2	SoS22. Calculate values of angles and/or coordinates with 2-D and 3-D shapes
22	6	6	SoS10. Add, subtract, multiply and divide decimals up to three decimal places SoS14. Convert between metric and imperial units of length, weight and capacity using a) a conversion factor b) a conversion graph SoS18. Calculate actual dimensions from scale drawings and create a scale diagram given actual measurements
Total	**45**	**34**	

Topic by Topic Performance

Key	Description
	You performed well on this topic.
	OK, but this topic needs some improvement.
	This is a topic to focus on.
	Not assessed.

Level 2 Subject Content	Revision	Marks Available	Marks Awarded	% Score	Performance
SoS1. Read, write, order and compare positive and negative numbers of any size	Link Link	-	-	-	
SoS2. Carry out calculations with numbers up to one million including strategies to check answers including estimation and approximation	Link Link Link Link	4	4	100.00	
SoS3. Evaluate expressions and make substitutions in given formulae in words and symbols	Link	2	1	50.00	
SoS4. Identify and know the equivalence between fractions, decimals and percentages	Link	-	-	-	
SoS5. Work out percentages of amounts and express one amount as a percentage of another	Link	-	-	-	
SoS6. Calculate percentage change (any size increase and decrease), and original value after percentage change	Link	3	2	66.67	
SoS7. Order, add, subtract and compare amounts or quantities using proper and improper fractions and mixed numbers	Link	2	1	50.00	
SoS8. Express one number as a fraction of another	Link	2	2	100.00	
SoS9. Order, approximate and compare decimals	Link	1	1	100.00	
SoS10. Add, subtract, multiply and divide decimals up to three	Link	3	3	100.00	

decimal places					
SoS11. Understand and calculate using ratios, direct proportion and inverse proportion	Link Link	5	3	60.00	
SoS12. Follow the order of precedence of operators, including indices	Link	-	-	-	
SoS13. Calculate amounts of money, compound interest, percentage increases, decreases and discounts including tax and simple budgeting	Link Link Link	2	0	0.00	
SoS14. Convert between metric and imperial units of length, weight and capacity using a) a conversion factor b) a conversion graph	Link Link	4	4	100.00	
SoS15. Calculate using compound measures including speed, density and rates of pay	Link Link Link	7	3	42.86	
SoS16. Calculate perimeters and areas of 2-D shapes including triangles and circles and composite shapes including non-rectangular shapes (formulae given except for triangles and circles)	Link Link Link	6	6	100.00	
SoS17. Use formulae to find volumes and surface areas of 3-D shapes including cylinders (formulae to be given for 3-D shapes other than cylinders)	Link Link Link	2	2	100.00	
SoS18. Calculate actual dimensions from scale drawings and create a scale diagram given actual measurements	Link	1	1	100.00	
SoS19. Use coordinates in 2-D, positive and negative, to specify the positions of points	Link	1	1	100.00	
SoS20. Understand and use common 2-D representations of 3-D objects	Link	-	-	-	
SoS21. Draw 3-D shapes to include plans and elevations	Link Link	1	1	100.00	
SoS22. Calculate values of angles and/or coordinates with 2-D and 3-D shapes	Link	2	2	100.00	

SoS23. Calculate the median and mode of a set of quantities	Link	2	1	50.00	
SoS24. Estimate the mean of a grouped frequency distribution from discrete data	Link	3	2	66.67	
SoS25. Use the mean, median, mode and range to compare two sets of data	Link Link	4	2	50.00	
SoS26. Work out the probability of combined events including the use of diagrams and tables, including two-way tables	Link Link	-	-	-	
SoS27. Express probabilities as fractions, decimals and percentages	Link	2	1	50.00	
SoS28. Draw and interpret scatter diagrams and recognise positive and negative correlation	Link	1	1	100.00	

Examiner's Feedback

Areas of Good Performance

The student performed the best in the following three areas:

- SoS2. Carry out calculations with numbers up to one million including strategies to check answers including estimation and approximation
- SoS16. Calculate perimeters and areas of 2-D shapes including triangles and circles and composite shapes including non-rectangular shapes (formulae given except for triangles and circles)
- SoS14. Convert between metric and imperial units of length, weight and capacity using
  a) a conversion factor
  b) a conversion graph

Areas for Improvement

The student struggled the most in the following three areas:

- SoS13. Calculate amounts of money, compound interest, percentage increases, decreases and discounts including tax and simple budgeting
- SoS15. Calculate using compound measures including speed, density and rates of pay
- SoS25. Use the mean, median, mode and range to compare two sets of data

Examiners Comments and Advice

Overall, the student performed well on this practice paper. Since the student passed this practice paper, they should feel confident in passing their real exam on the next attempt. I would advise that the student continues to revise, focussing on any topics outlined in the Areas for Improvement section. The student should continue to practise exam style questions, to further enhance their exam technique.