

Collation of results from diagnostic assessment

YEAR 10 MATHEMATICS						
Response to questions - Yes (correct); No (incorrect)						
Student	Q1	Q2	Q3 a	Q3 b	Q4	Q5
Student names deleted	away					
	No	Yes	Yes	Incorrect substitution	Yes	Yes
	away					
	Yes	Yes	Yes	Yes	Yes	No
	Yes	Yes	No	No	No	No
	Yes	Yes	Yes	Incorrect substitution	Yes	Yes
	No to c; Y to hyp	Yes	No	No	No	No
	Yes	Yes	Yes	No	No	No
	Yes	Yes	Yes	Yes	Yes	Yes
	Yes	Yes	Yes	Incorrect substitution	Yes	No
	No	Yes	Yes	Incorrect substitution	Yes	Yes
	Yes	Yes	Yes	Yes	Yes	Yes
	No to c; Y to hyp	Yes	Yes	Incorrect substitution	Yes	Yes
	No	Yes	Incorrect substitution, correct answer	Incorrect substitution	No	Yes
	Yes	Yes	No	No	Yes	Yes
	Yes	Yes	Yes	Yes	Yes	Yes
	Yes	Yes	Yes, calculation error $13^2 + 84^2 = 97?$	No	Yes	Yes
	Yes	Yes	No	No	No	No
	No	Yes	Yes	Incorrect substitution	Yes	Yes
	No	Yes	Yes	Incorrect substitution	No	No
No to c; Y to hyp	Yes	No	No	No	No	
away						
Yes	Yes	Yes	Yes	Yes	Yes	Yes
No to c; Y to hyp	Yes	Yes	Yes	Incorrect substitution	No	No
% answered correctly						
	57%	100%	67%	24%	62%	57%

All students answered Q2 correctly, but not Q1, indicating confusion around labelling for Pythagoras' Theorem.

Issues with labelling impacted students' ability to correctly answer Q3. Strategies for correctly labelling Pythagoras' Theorem will be explicitly taught.

