

Topic retrieval grid



NAME _____

CLASS _____

DATE _____

LEARNING GOAL

Recall key methods from four maths topics, from memory.

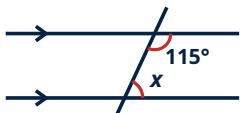
SUCCESS CRITERIA

- ☐ I can recall methods from four topics.
- ☐ I can show working for each step.
- ☐ I can use my scores to plan revision.

1 The retrieval grid

40 points

No calculator, any order. Score each row out of 10, then circle Red, Amber or Green.

TOPIC AND LEVEL	LEVEL 1 1 point	LEVEL 2 2 points	LEVEL 3 3 points	LEVEL 4 4 points	SCORE and RAG
N Number	N1 Find the HCF of 12 and 18. WORKING 	N2 Find the LCM of 6 and 8. WORKING 	N3 Write 60 as a product of primes. WORKING 	N4 Work out $\frac{3}{4} \div \frac{2}{5}$ as a mixed number. WORKING 	 out of 10 Red Amber Green
A Algebra	A1 Simplify $3a + 5b - a + 2b$ WORKING 	A2 Expand and simplify $3(x + 4) - 2x$ WORKING 	A3 Solve $5x - 7 = 18$ WORKING 	A4 Expand and simplify $(x + 3)(x - 5)$ WORKING 	 out of 10 Red Amber Green
G Geometry	G1 Two angles of a triangle are 48° and 75° . Find the third. WORKING 	G2 Area of a triangle: base 9 cm, height 6 cm. WORKING cm^2	G3 The lines are parallel. Find angle x .  	G4 Area of a circle, radius 6 cm, in terms of π . WORKING cm^2	 out of 10 Red Amber Green
S Statistics	S1 Find the mode: 4, 9, 2, 9, 5, 7 WORKING 	S2 Counters: 3 red, 5 blue, 4 green. Pick one. Find P(blue). WORKING 	S3 Find the median: 9, 4, 12, 6, 3, 10 WORKING 	S4 Four numbers have a mean of 7. Three are 5, 9, 6. Find the fourth. WORKING 	 out of 10 Red Amber Green
SCORE YOUR GRID Topic to revise first Add the four row scores out of 40					

Second go and your own grid



2 Second go

Fix two squares

Pick two squares you missed. Write the code, try again, then write a tip to remember.

SQUARE 	SECOND TRY 	ANSWER
MY TIP		

SQUARE 	SECOND TRY 	ANSWER
MY TIP		

3 Build your own grid

40 points

Write four topics, then one question in each square: harder as the levels climb. Swap with a partner and play.

TOPIC AND LEVEL	LEVEL 1 1 point	LEVEL 2 2 points	LEVEL 3 3 points	LEVEL 4 4 points	SCORE and RAG
1 TOPIC	1.1 WORKING	1.2 WORKING	1.3 WORKING	1.4 WORKING	out of 10 Red Amber Green
2 TOPIC	2.1 WORKING	2.2 WORKING	2.3 WORKING	2.4 WORKING	out of 10 Red Amber Green
3 TOPIC	3.1 WORKING	3.2 WORKING	3.3 WORKING	3.4 WORKING	out of 10 Red Amber Green
4 TOPIC	4.1 WORKING	4.2 WORKING	4.3 WORKING	4.4 WORKING	out of 10 Red Amber Green

SCORE YOUR GRID

Topic to revise first

Add the four row scores

out of 40