

Area of Basic Shapes

Use this worksheet after reading the lesson to practise the key ideas and prove you can meet the success criteria.

Name _____
 Date _____
 Class _____

1. Key Ideas

Five formulas, one strategy: identify the shape, find the perpendicular height, substitute — and always write the unit.

- The area formula for rectangles, triangles, parallelograms, trapeziums and circles
- Why different shapes need different formulas — and what each part measures

2. Success Criteria

By the end, you should be able to:

- The area formula for rectangles, triangles, parallelograms, trapeziums and circles
- What a composite shape is
- The correct units for area answers

3. Key Terms

Key idea

The central concept from Area of Basic Shapes.

Evidence

Information, observations or calculations used to support an answer.

Explain

Give a reasoned answer that links cause and effect.

Apply

Use a learned idea in a new example, problem or scenario.

4. Activity: Build the Lesson Map

Use the lesson to complete the table. Keep answers brief but specific.

Prompt	Your answer
Main concept	
Important example	
Common mistake to avoid	
How this links to the next lesson	

5. Short Answer Questions

1. Explain this lesson goal in your own words: "The area formula for rectangles, triangles, parallelograms, trapeziums and circles". Use one specific example from the lesson.

BAND 3 **2 MARKS**

2. Apply this idea to a new example: "What a composite shape is". Show your reasoning clearly.

BAND 4 **3 MARKS**

3. Analyse why this idea matters for understanding Area of Basic Shapes: "The correct units for area answers".

BAND 5 **4 MARKS**

6. Extend: Apply the Idea

BAND 5/6 **5 MARKS**

A student gives a memorised answer about Area of Basic Shapes but does not use evidence or reasoning.

Improve the answer by writing a stronger response that uses accurate terminology, a relevant example and a clear explanation.

7. Multiple Choice

1. What is the best first step when answering a question about Area of Basic Shapes?

- A. Identify the key concept being tested
- B. Write every fact from memory
- C. Ignore the command word
- D. Skip examples and evidence

2. Which answer would show stronger understanding of Area of Basic Shapes?

- A. An answer with accurate terms and reasoning
- B. A copied definition only
- C. A single-word response
- D. An answer with no example

3. What should you do if a question asks you to explain?

- A. Link the idea to a reason or cause
- B. List unrelated facts
- C. Only draw a diagram
- D. Write the shortest possible answer

8. Success Criteria Proof

Finish with evidence that you can do each success criterion.

SUCCESS CRITERION 1

Prove that you can: The area formula for rectangles, triangles, parallelograms, trapeziums and circles

BAND 3 **2 MARKS**

SUCCESS CRITERION 2

Prove that you can: What a composite shape is

BAND 4 **3 MARKS**

SUCCESS CRITERION 3

Prove that you can: The correct units for area answers

BAND 5 **4 MARKS**

One thing I still need help with:
