

# Self-quizzing in your 100% book

1. Tick in green if it's correct.
2. Write the correction above it in green if it's wrong. (Don't re-write the entire section.)

Read



Cover



Write



Check

**READ** a  
small  
section  
of the  
KO



**COVER** up  
the  
information  
so you are  
unable to  
read/ see it



**WRITE** out  
what you  
can  
remember  
into your  
self-  
quizzing  
book



**CHECK** what  
you have  
written and  
use a green  
pen to mark  
and correct



# Copy Key Terms

Similarity
Scale factor
Similar
Congruence
Proving Congruency

Similarity and Congruence

Scale factor

Similar

Congruence

Proving congruency

4<sup>th</sup> January 2017

Title and date underlined

# Write Definitions from MEMORY

4<sup>th</sup> January 2017

## Similarity and Congruence

### Scale factor

The value you get when you divide two corresponding sides.

### Similar

One shape is an enlargement of the other, corresponding angles are equal and corresponding sides are all in the same ratio.

### Congruence

Congruent shapes have exactly the same size, their angles are the same and corresponding sides are the same length.

### Proving congruency

SSS - side, side, side

ASA - Angle, side, Angle

SAS - Side, Angle, Side

RHS - Right angle, Hypotenuse, Side

**Four to five** definitions hidden under the book and writing is from memory



# CHECK Definitions and CORRECT in green pen

Similarity and Congruence	
<b>Scale factor</b>	The value you get when you divide two corresponding sides.
<b>Similar</b>	Shapes are similar when one shape is an enlargement of the other corresponding angles are equal and corresponding sides are all in the same ratio.
<b>Congruence</b>	Congruent shapes have exactly the same size and shape, their angles are the same and corresponding sides are the same length.
<b>Proving Congruency</b>	<b>SSS</b> – Side, Side, Side <b>ASA</b> – Angle, Side, Angle <b>SAS</b> – Side, Angle, Side <b>RHS</b> – Right angle, Hypotenuse, Side

4<sup>th</sup> January 2017

## Similarity and Congruence

### Scale factor

The value you get when you divide two corresponding sides. ✓

Shapes  
are  
similar  
when...

### Similar

One shape is an enlargement of the other, corresponding angles are equal and corresponding sides are all in the same ratio. ✓

### Congruence

Congruent shapes have exactly the same size and shape, their angles are the same and corresponding sides are the same length. ✓

### Proving congruency

SSS – Side, side, side ✓

ASA – Angle, side, Angle ✓

SAS – Side, Angle, Side ✓

RHS – Right angle, Hypotenuse, side ✓

Reveal definitions and check for perfection, any corrections are made in green pen, a tick shows **100%** correct.

# CHECK Definitions and CORRECT

*in green pen until 100% perfect*

of the other, corresponding  
ending sides are all i

Tick in green pen if it's  
correct. Add any corrections  
in green pen

by the same size, *and*  
*shape*  
corresponding sides



# Write Definitions from MEMORY

4<sup>th</sup> January 2017

## Similarity and Congruence

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Then do it again for another **four to five**. Hide under the book and write from memory