

SPIRE MATHS

Stimulating, Practical, Interesting, Relevant, Enjoyable Maths For All

SS6 Representing 3D Shapes (Software Linked Extra)

Adapted as part of Standards Unit Resources. Next two pages adapt the resource for use with the interactive web resource given at the site below. Use these pages instead of these in the original pdf file. The original web resource is no longer working.

Answers are also given for the original activity.

All resources for this at: <https://spiremaths.co.uk/ss6representing3dshapes/>

Standards unit resources at: <https://spiremaths.co.uk/ilim/>

Software for these plans and elevations at: <https://www.mathspad.co.uk/i2/plansElevations.php>

For an isometric drawing tool we like:

<https://www.nctm.org/Classroom-Resources/Illuminations/Interactives/Isometric-Drawing-Tool/>

For isometric and other printable paper: <https://spiremaths.co.uk/printable-paper/>

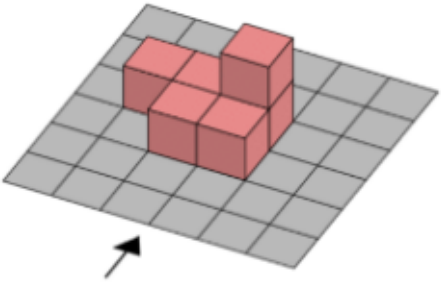
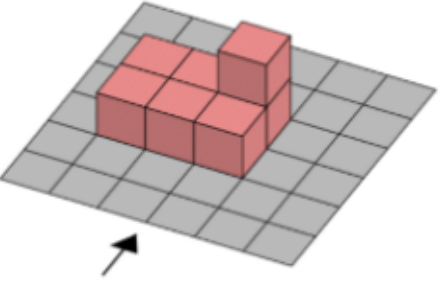
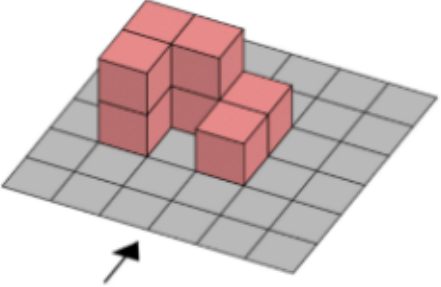
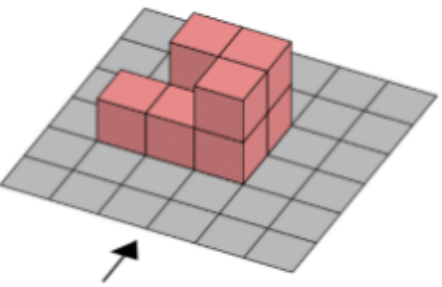
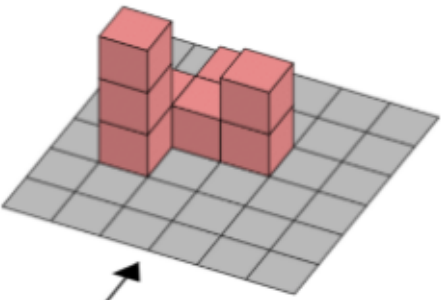
Answers

Letter	Plan	Front	Side
A	13	8 or 17	6 or 12
B	7	8 or 17	6 or 12
C	16	11	9 or 15
D	10	2	9 or 15
E	1	14	18
F	4	5	3

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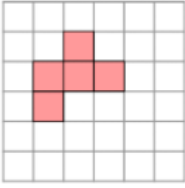
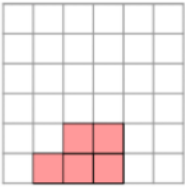
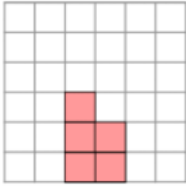
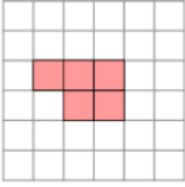
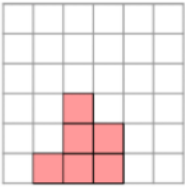
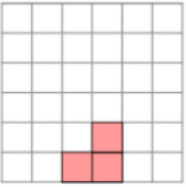
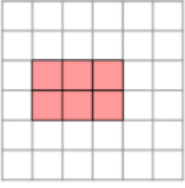
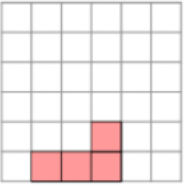
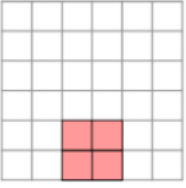
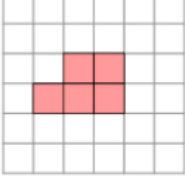
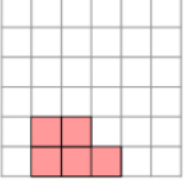
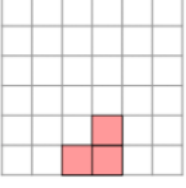
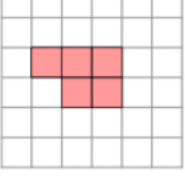
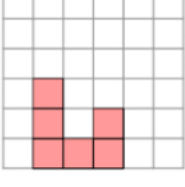
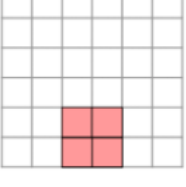
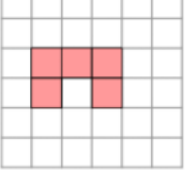
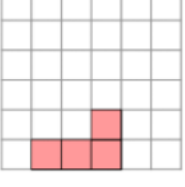
SS6 Dissecting A Square: Card Set A Perspectives

<p>Perspective card A</p> 	<p>Perspective card B</p> 
<p>Perspective card C</p> 	<p>Perspective card D</p> 
<p>Perspective card E</p> 	

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SS6 Dissecting A Square: Card Set B Plans and Elevations

Plan Card 1 	Front card 2 	Side card 3 
Plan Card 4 	Front card 5 	Side card 6 
Plan Card 7 	Front card 8 	Side card 9 
Plan Card 10 	Front card 11 	Side card 12 
Plan Card 13 	Front card 14 	Side card 15 
Plan Card 16 	Front card 17 	Side card 18 