

Y6 – Spring – Block 5 – Step 7 – Volume – counting cubes Answers

| Question | Answer |
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| 1 | child's shapes using 7 cubes |
| 2 | a) 4 cubes b) 6 cubes c) 6 cubes d) 10 cubes |
| 3 | a) 8 cubes b) 18 cubes c) 24 cubes d) 10 cubes e) 15 cubes f) 18 cubes Because there are hidden cubes, children need to count how many cubes in a layer/slice and multiply by the number of layers/slices. |
| 4 | Teddy has not included the hidden cubes. |
| 5 | a) 5 cm ³ b) 8 cm ³ c) 12 cm ³ d) 9 cm ³ |
| 6 | shape A volume of shape A = 30 cm ³ , volume of shape B = 20 cm ³ |
| 7 | child's shapes with volume of 24 cm ³ |