GRADE 6 · ERROR ANALYSIS

FIND THE MISTAKE!

Surface Area & Volume

6.G.A.2, 6.G.A.4

SAMPLE · JAYDEN'S WORK

$2(8 \cdot 3) + 2(8 \cdot 2) + 2(3 \cdot 2)$

$= 48 + 32 + 12$

$= 92$ cubes

✗ Mixed up surface area and volume

MISCONCEPTIONS IN THIS SET

- Mixed up surface area and volume
- Divided by the edge, not the cube
- Multiplied wholes and parts apart
- Multiplied the edge by 3
- Forgot ½ for the triangle faces
- Used the edge, not the face area
- Left out one triangle base
- Counted only 3 of the 6 faces

20 WORKED PROBLEMS | 4 TASK TYPES | FULL ANSWER KEY

MATH TEACHER PRINTS

PREVIEW PREVIEW PREVIEW PREVIEW PREVIEW PREVIEW PREVIEW PREVIEW PREVIEW PREVIEW PREVIEW PREVIEW

Preview - the full worksheet and its answer key are at primeworksheet.com