## Distinguishing between surface area and volume: Worksheet 4.3

Na	ame Score	
1.	A rectangular prism has a width of 5 cm, a height of 12 cm and a dep What is the surface area of the prism?	th of 7 cm
2.	A cube has depth of 2 m. What is the volume of the cube?	
3.	A cube has height of 10 cm. What is the surface area of the cube?	
4.	A rectangular prism has a width of 5 cm, a height of 8 cm and a deptl What is the volume of the prism?	า of 12 cm
5.	A rectangular prism has a width of 7 cm, a height of 3 cm and a deptl What is the surface area of the prism?	n of 4 cm.
6.	A cube has height of 5 mm. What is the volume of the cube?	
7.	What is the surface area of a figure that is 8 inches wide, 9 inches tall inches long?	and 5
8.	A rectangular prism has a width of 6 cm, a height of 9 cm and a depth What is the volume of the prism?	າ of 4 cm.
9.	What is the surface area of a figure that is 5 inches wide, 6 inches tall inches long?	and 4
10.	What is the volume of a figure that is 5 inches wide, 7 inches tall and long?	l 6 inches



## Solutions: Worksheet 4.3

- 1. Surface area = 358 square cm
- 2. Volume = 8 cubic m
- 3. Surface area = 600 square cm
- 4. Volume = 480 cubic cm
- 5. Surface area = 122 square cm
- 6. Volume = 125 cubic mm
- 7. Surface area = 314 square inches
- 8. Volume = 216 cubic cm
- 9. Surface area = 148 square inches
- 10. Volume = 210 cubic inches