## (1B) Learifing

## Volume of rectangular prisms

Grade 4 Geometry Worksheet
Volume $=$ length x width x height
1.


Volume = $\qquad$ X $\qquad$
$\qquad$
$=$ $\qquad$ $\mathrm{ft}^{3}$
3.


Volume = $\qquad$
$=$ $\qquad$

5

2.


Volume = $\qquad$ X $\qquad$
$\qquad$ $=\quad \quad \mathrm{in}^{3}$
4.


Volume = $\qquad$
$=\ldots \mathrm{m}^{3}$
6.


Volume $\qquad$
$=\ldots \quad \mathrm{ft}^{3}$

## Answers

1. Volume $=4 \mathrm{ft} \times 4 \mathrm{ft} \times 4 \mathrm{ft}$

$$
=64 \mathrm{ft}^{3}
$$

2. Volume $=4$ in $x 3$ in $x 6$ in

$$
=72 \mathrm{in}^{3}
$$

3. Volume $=2 \mathrm{~cm} \times 3 \mathrm{~cm} \times 5 \mathrm{~cm}$
$=30 \mathrm{~cm}^{3}$
4. Volume $=2 \mathrm{~m} \times 8 \mathrm{~m} \times 5 \mathrm{~m}$
$=80 \mathrm{~m}^{3}$
5. Volume $=2$ in $\times 10$ in $\times 5.5$ in
$=110 \mathrm{in}^{3}$
6. Volume $=7 \mathrm{ft} \times 7 \mathrm{ft} \times 7 \mathrm{ft}$
$=343 \mathrm{ft}^{3}$
