



Math worksheet on 'Volume of a Pentagonal Prism - Calculate Side from Volume and Base Area (Level 1)'. Part of a broader unit on 'Geometry - Volume Logic with 3D Shapes - Intro'

Learn online: app.mobius.academy/math/units/geometry_volume_logic_intro/

1 What is the length of the missing side of this Pentagonal Prism?

a	b	c
3	4	8
d	e	f
7	5	2

$A=43$
 $V=86$

2 What is the length of the missing side of this Pentagonal Prism?

a	b	c
5	7	3
d	e	f
1	4	2

$A=43$
 $V=86$

3 What is the length of the missing side of this Pentagonal Prism?

a	b	c
3	9	1
d	e	f
6	5	12

$A=28$
 $V=84$

4 What is the length of the missing side of this Pentagonal Prism?

a	b	c
5	1	12
d	e	f
2	3	4

$A=15$
 $V=45$

5 What is the length of the missing side of this Pentagonal Prism?

a	b	c
5	3	6
d	e	f
7	2	1

$A=28$
 $V=56$

6 What is the length of the missing side of this Pentagonal Prism?

a	b	c
7	11	4
d	e	f
10	13	12

$A=15$
 $V=60$

7 What is the length of the missing side of this Pentagonal Prism?

a	b	c
13	14	11
d	e	f
2	5	4

$A=43$
 $V=215$