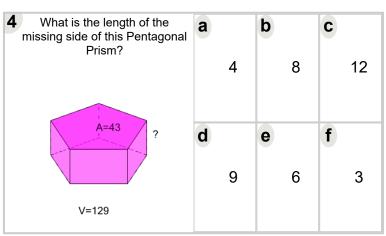Name:_____

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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'*

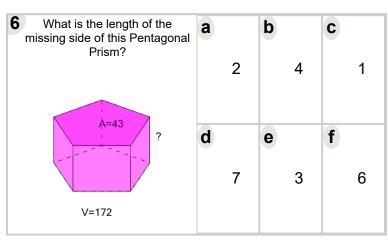Learn online: app.mobius.academy/math/units/geometry_volume_logic_intro/

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

A=28 ?

V=56

a	b	c
1	10	3
d	**e**	**f**
6	4	2

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

A=43 ?

V=172

a	b	c
6	4	12
d	**e**	**f**
1	2	5

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

A=15 ?

V=60

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

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

A=43 ?

V=129

a	b	c
4	8	12
d	**e**	**f**
9	6	3

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

A=28 ?

V=84

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

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

A=43 ?

V=172

a	b	c
2	4	1
d	**e**	**f**
7	3	6

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

A=7 ?

V=28

a	b	c
5	11	3
d	**e**	**f**
4	2	1

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