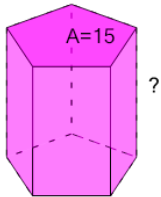# mobius

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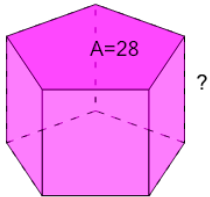
Learn online: app.mobius.academy/math/units/geometry_volume_logic_intro/

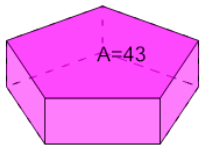**1** What is the length of the missing side of this Pentagonal Prism?

A=15
?
V=75

a	b	c
13	8	4
d	**e**	**f**
2	5	11

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

A=28
?
V=112
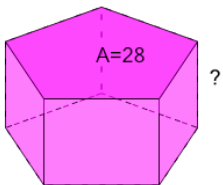
a	b	c
4	6	1
d	**e**	**f**
3	5	11

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

A=43
?
V=86
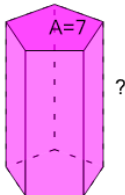
a	b	c
5	9	11
d	**e**	**f**
10	2	8

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

A=28
?
V=84
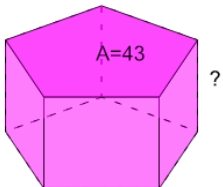
a	b	c
9	1	12
d	**e**	**f**
6	3	5

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

A=7
?
V=35
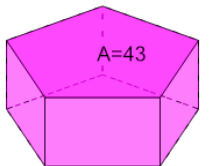
a	b	c
9	6	3
d	**e**	**f**
7	5	8

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

A=43
?
V=172

a	b	c
6	3	2
d	**e**	**f**
5	4	1

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

A=43
?
V=129

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