



Find a missing dimension from volume

- 1** What shape would have this area?

$$A = 48\text{in}^2$$

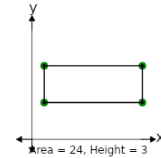
A

Rectangle
width : 5in
height : 11in

B

Rectangle
width : 4in
height : 12in

- 2** Find the missing value for width if the rectangle has an area of 24 and a height of 3



A width=8

B width=1

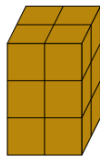
C width=13

D width=6

E width=17

F width=15

- 3** How many blocks make up this 2x2x3 Rectangular Prism?



A 7

B 17

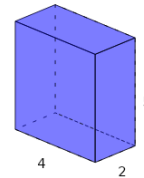
C 12

D 19

E 6

F 4

- 4** What is the volume of this Rectangular Prism?



A 16

B 40

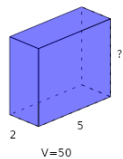
C 36

D 44

E 20

F 76

- 5** What is the length of the missing side of this Rectangular Prism?



A 11

B 10

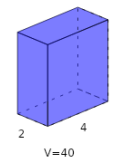
C 3

D 9

E 13

F 5

- 6** What is the length of the missing side of this Rectangular Prism?



A 5

B 2

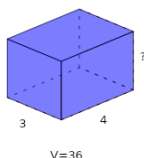
C 3

D 14

E 4

F 8

- 7** What is the length of the missing side of this Rectangular Prism?



A 4

B 3

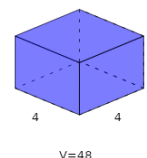
C 9

D 1

E 2

F 7

- 8** What is the length of the missing side of this Rectangular Prism?



A 8

B 2

C 10

D 5

E 11

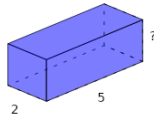
F 3



Find a missing dimension from volume

9

What is the length of the missing side of this Rectangular Prism?



$$V=20$$

A 10

B 3

C 1

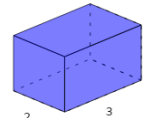
D 6

E 7

F 2

10

What is the length of the missing side of this Rectangular Prism?



$$V=12$$

A 10

B 2

C 8

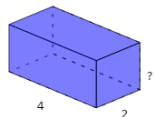
D 9

E 5

F 3

11

What is the length of the missing side of this Rectangular Prism?



$$V=16$$

A 9

B 8

C 7

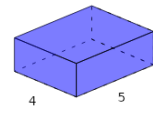
D 1

E 4

F 2

12

What is the length of the missing side of this Rectangular Prism?



$$V=40$$

A 10

B 8

C 6

D 9

E 7

F 2