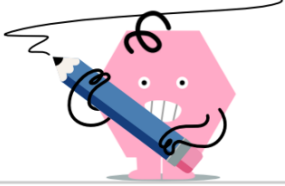
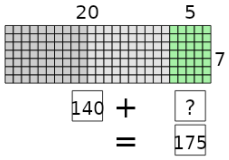
Name

Relate volume to multiplication and addition



1

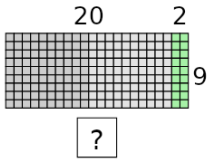
Use the area model to find the missing value when multiplying 25 and 7



A 37	B 38	C 32
D 33	E 35	F 30

2

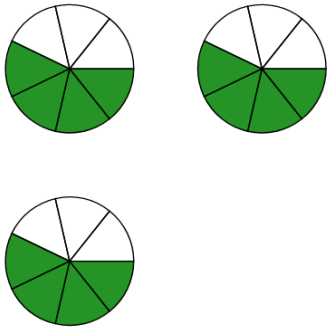
Use the area model to find the product of 22 and 9



A 198	B 202	C 196
D 201	E 200	F 195

3

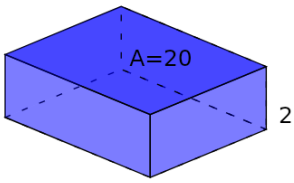
Find the multiplication equation that represents this picture



A $2 \times \frac{4}{7}$	B $3 \cdot \frac{4}{6}$
C $3 \cdot \frac{2}{7}$	D $3 \times \frac{4}{7}$

4

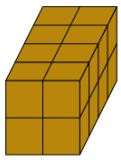
What is the volume of this Rectangular Prism?



A 48	B 40	C 68
D 56	E 32	F 76

5

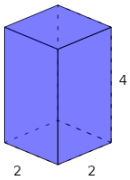
How many blocks make up this 2x4x2 Rectangular Prism?



A 16	B 13	C 25
D 7	E 11	F 12

6

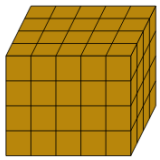
What is the volume of this Rectangular Prism?



A 10	B 16	C 22
D 20	E 18	F 7

7

How many blocks make up this 5x4x4 Rectangular Prism?

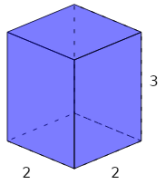


A 64	B 24	C 136
D 80	E 40	F 88

Name

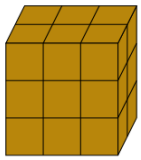
Relate volume to multiplication and addition

8
What is the volume of this Rectangular Prism?



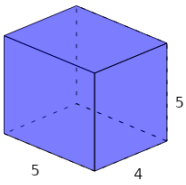
A 11	B 14	C 7
D 17	E 12	F 20

9
How many blocks make up this 3x2x3 Rectangular Prism?



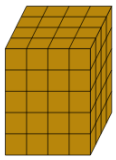
A 16	B 18	C 24
D 13	E 21	F 22

10
What is the volume of this Rectangular Prism?



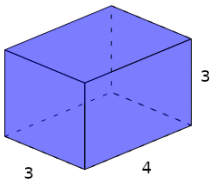
A 100	B 50	C 170
D 120	E 140	F 130

11
How many blocks make up this 4x4x5 Rectangular Prism?



A 120	B 144	C 128
D 72	E 96	F 80

12
What is the volume of this Rectangular Prism?



A 51	B 48	C 21
D 9	E 36	F 30