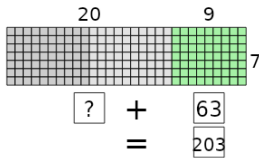


Decompose numbers in different ways

1

Use the area model to find the missing value when multiplying 29 and 7



A 137

B 140

C 144

D 138

E 136

F 135

2 22×2

A

$$(20 + 2) \times (2 + 2)$$

B

$$(20 \times 2) + (2 \times 2)$$

3

22

A

twenty
+two

B

two hundred
+two

4

Rewrite the sum by breaking the second number into its place values

$$438 + 84 = ?$$

A

$$438 + 8 + 4$$

B

$$438 + 80 + 4$$

C

$$438 + 90 + 4$$

D

$$438 + 80$$

5

Rewrite the sum by breaking the second number into its place values

$$46 + 99 = ?$$

A

$$46 + 90 + 9$$

B

$$46 + 100 + 9$$

C

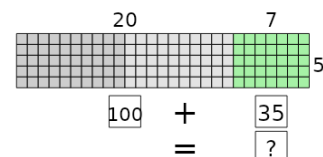
$$46 + 9 + 9$$

D

$$46 + 90$$

6

Use the area model to find the product of 27 and 5



A 138

B 130

C 133

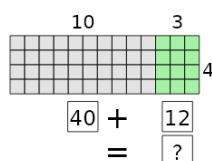
D 135

E 139

F 131

7

Use the area model to find the product of 13 and 4



A 49

B 52

C 48

D 47

E 56

F 55

8

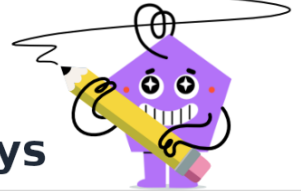
96

A

nine hundred
+six

B

ninety
+six



Decompose numbers in different ways

9

Rewrite the sum by breaking the second number into its place values

$$755 + 13 = ?$$

A $755 + 1 + 3$

B $755 + 10$

C $755 + 20 + 3$

D $755 + 10 + 3$

10

Rewrite the sum by breaking the second number into its place values

$$68 + 42 = ?$$

A $68 + 40$

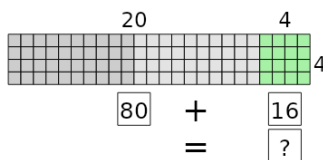
B $68 + 4 + 2$

C $68 + 40 + 2$

D $68 + 50 + 2$

11

Use the area model to find the product of 24 and 4



A 99

B 94

C 93

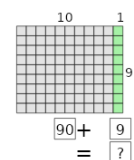
D 96

E 91

F 100

12

Use the area model to find the product of 11 and 9



A 101

B 103

C 96

D 97

E 95

F 99