



Interpret multiplication as an array

1

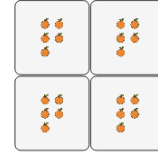
Each chair has 4 legs. How many legs in total?



A 18	B 16	C 14
D 12	E 11	

2

Use multiplication to count how many oranges there are in total



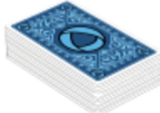
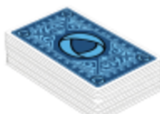
A 18	B 38	C 26
D 36	E 4	F 20

3

6 players each have 2 cards in their hand. How many total cards?

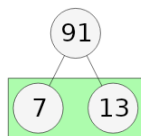


6 players 2 each

A	 12 cards
B	 13 cards

4

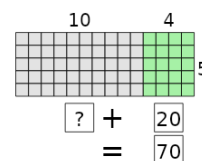
Every pair's product is the number above it. What does the highlighted pair mean?



A $7 \times 13 = 91$	B $7 \times 10 = 91$
C $7 \times 13 = 127$	D $15 \times 13 = 91$

5

Use the area model to find the missing value when multiplying 14 and 5



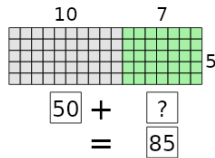
A 48	B 50	C 45
D 46	E 47	F 52



Interpret multiplication as an array

6

Use the area model to find the missing value when multiplying 17 and 5



A 33

B 30

C 31

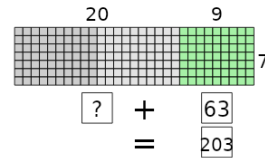
D 38

E 32

F 35

7

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



A 144

B 135

C 136

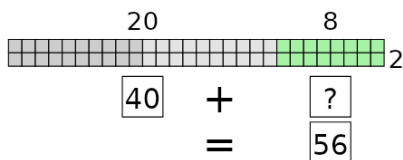
D 140

E 138

F 137

8

Use the area model to find the missing value when multiplying 28 and 2



A 19

B 12

C 13

D 11

E 20

F 16

9

Multiply these numbers

$$\begin{array}{r} 8687 \\ \times 23 \\ \hline \end{array}$$

A 203,797

B 199,801

C 211,789

D 8,710

E 173,827

F 1,998,010

10

$22 \times 77,756$

A 1,625,100

B 1,967,227

C 1,642,207

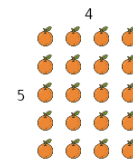
D 1,710,632

E 1,607,994

F 1,676,419

11

Use multiplication to count how many oranges there are



A 16

B 34

C 4

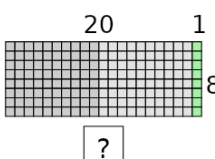
D 20

E 32

F 26

12

Use the area model to find the product of 21 and 8



A 170

B 171

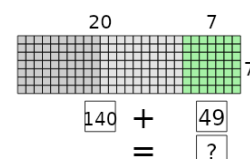
C 172

D 168

E 166

13

Use the area model to find the product of 27 and 7



A 189

B 185

C 191

D 184

E 193

F 186