



Use partial products

1 13×5

A $(10 \times 5) + (3 \times 5)$

B $(10 \times 10) + (3 \times 17)$

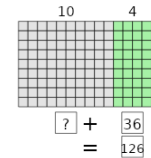
C $(10 \times 14) + (3 \times 10)$

D $(10 \times 5) + (3 \times 5) + (5 \times 5)$

E $(10 \times 23) + (3 \times 11)$

F $(10 + 5) \times (3 + 5)$

2 Use the area model to find the missing value when multiplying 14 and 9



A 88

B 94

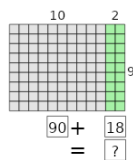
C 90

D 93

E 86

F 85

3 Use the area model to find the product of 12 and 9



A 108

B 112

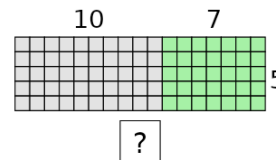
C 105

D 111

E 106

F 104

4 Use the area model to find the product of 17 and 5



A 88

B 83

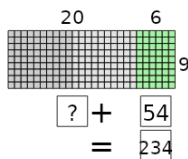
C 82

D 85

E 81

F 80

5 Use the area model to find the missing value when multiplying 26 and 9



A 183

B 178

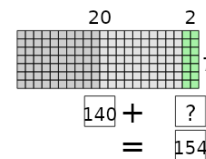
C 177

D 180

E 184

F 175

6 Use the area model to find the missing value when multiplying 22 and 7



A 17

B 9

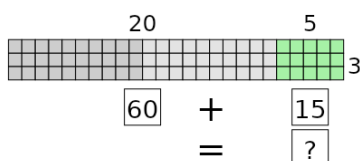
C 16

D 14

E 10

F 11

7 Use the area model to find the product of 25 and 3



A 79

B 71

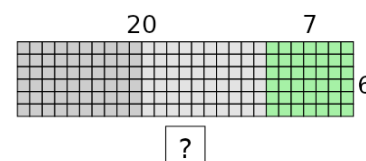
C 72

D 77

E 75

F 73

8 Use the area model to find the product of 27 and 6



A 165

B 164

C 158

D 162

E 166

F 159

**Use partial products****9**

How can you multiply 29 by 8 by breaking 29 apart

$$\begin{array}{r} 29 \\ \times 8 \\ \hline \end{array}$$

A $(20 \times 8) + (9 \times 8)$

B $(20 + 8) \times (9 + 8)$

10

$22 \times 77,756$

A 1,710,632

B 1,967,227

C 1,642,207

D 1,676,419

E 1,607,994

F 1,625,100

11

Multiply these numbers

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

A 173,827

B 211,789

C 199,801

D 8,710

E 203,797

F 1,998,010

12

Multiply these numbers

$$\begin{array}{r} 521 \\ \times 15 \\ \hline \end{array}$$

A 782

B 6,721

C 78

D 9,300

E 7,815

F 7,190

13

$435 \times 4,221$

A 18,361,350

B 1,836,135

C 1,487,269

D 1,872,858

E 1,964,664

F 4,656

14

Multiply these numbers

$$\begin{array}{r} 566 \\ \times 988 \\ \hline \end{array}$$

A 615,129

B 514,471

C 55,921

D 665,458

E 480,919

F 559,208

15

9×20

A 203

B 180

C 29

D 1,800

E 2

F 144

16

Multiply these numbers

$$\begin{array}{r} 19 \\ \times 5 \\ \hline \end{array}$$

A 86

B 95

C 77

D 68

E 89

F 74