



Multiply two 2-digit numbers using partial products

- 1 How can you multiply 29 by 14 by breaking 14 apart

$$\begin{array}{r} 29 \\ \times 14 \\ \hline \end{array}$$

A $(29 \times 10) + (29 \times 4)$

B $(29 \times 10) \times (29 \times 4)$

- 2 How can you multiply 28 by 12 by breaking 12 apart

$$28 \times 12$$

A $(28 \times 10) + (28 \times 8)$

B $(28 \times 10) + (28 \times 2)$

- 3 Select the equation that is the same as the given multiplication equation using the distributive property

$$13 \times 5$$

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

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

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

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

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

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

- 4 Multiply these numbers

$$8 \times 23$$

A 171

B 1,840

C 173

D 151

E 210

F 184

- 5 Multiply these numbers
- $$\begin{array}{r} 16 \\ \times 4 \\ \hline \end{array}$$

A 54

B 62

C 46

D 52

E 64

F 50

- 6 How can you multiply 28 by 2 by breaking 28 apart

$$\begin{array}{r} 28 \\ \times 2 \\ \hline \end{array}$$

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

B $(20 \times 2) + (8 \times 2)$

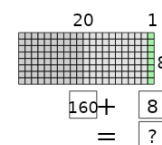
- 7 How can you multiply 17 by 7 by breaking 17 apart

$$17 \times 7$$

A $(10 \times 7) + (7 \times 7)$

B $(10 + 7) \times (7 + 7)$

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



A 168

B 171

C 170

D 164

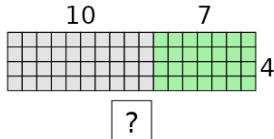
E 172

F 165



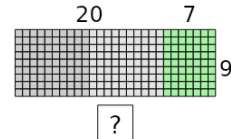
Multiply two 2-digit numbers using partial products

- 9** Use the area model to find the product of 17 and 4



A	70	B	66	C	68
D	65	E	71	F	64

- 10** Use the area model to find the product of 27 and 9



A	246	B	241	C	247
D	239	E	243	F	245

- 11** Multiply 1 and 1 to find the ones value of the product.

$$\begin{array}{r} 41 \\ \times 1 \\ \hline \end{array}$$

A	5	B	7	C	6
D	3	E	1	F	4

- 12** Multiply 1 and 3 to find the tens value of the product.

$$\begin{array}{r} 12 \\ \times 3 \\ \hline \end{array}$$

A	4	B	3	C	7
D	9	E	5	F	0

- 13** Multiply 9 and 8, and add the carry, to find the tens value of the product.

$$\begin{array}{r} 97 \\ \times 8 \\ \hline \end{array}$$

A	42	B	56	C	77
D	49	E	98	F	35

- 14** Multiply 7 and 7, and add the carry, to find the hundreds value of the second product.

$$\begin{array}{r} 76 \\ \times 75 \\ \hline 380 \\ + \quad ? \quad ? \quad 20 \\ \hline \end{array}$$

- 15** Multiply these numbers

$$\begin{array}{r} 11 \\ \times 23 \\ \hline \end{array}$$

A	3	B	25,300
C	34	D	301
E	253	F	233

A	28	B	13	C	23
D	33	E	63	F	53