Multiplication

Name:

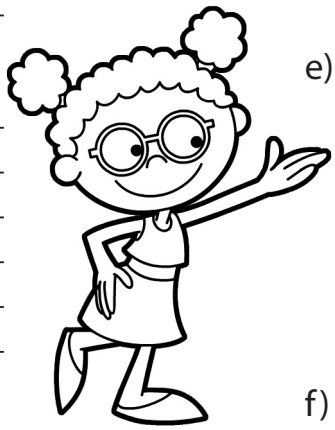
Column method multiplication (3 digits by 2 digits).

Method 1		Method	
236		236	
x 25		x 25	
30	(6 x 5)	1 180	(5 x 236)
150	(5 x 30)	4 720	(20 x 236)
1 000	(5 x 200)	5 900	
120	(20 x 6)		
600	(20 x 30)		
4 000	(20 x 200)		
5 900			

Calculate the following using the column method.

a) 462 x 21

b) 984x 16



c) 365 x 35

d) 483 x 28

e) 521 x 24

f) 257 x 25

g) 372 x 13

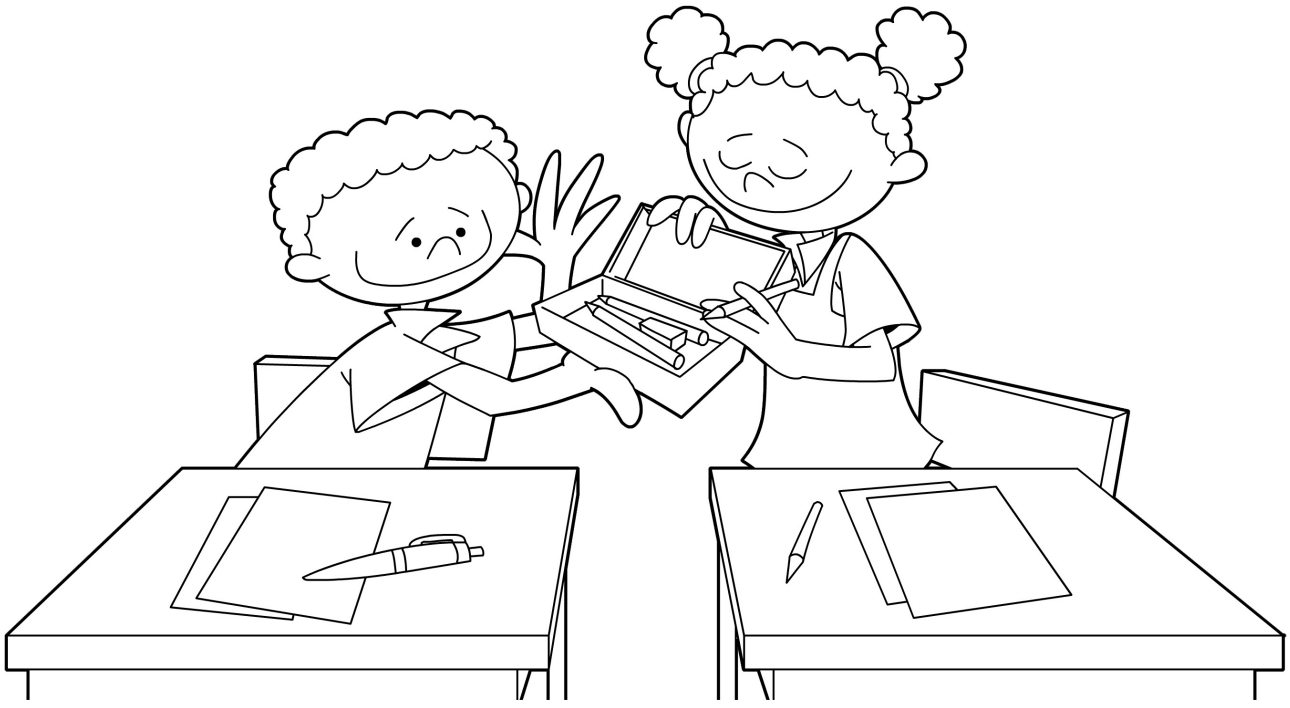
h) 422 x 35

i) 159 x 23

j) 265 x 19

k) 842 x 42

l) 606 x 66



Answers

Calculate the following using the column method.

a) 462 x 21

462
x 21
462 *(1 x 462*
9 240 *(20 x 462)*
9 702

b) 984x 16

984
x 16
5 904 *(6 x 984)*
9 840 *(10 x 984)*
15 744

c) 365 x 35

365
x 35
1 825 *(5 x 365)*
10 950 *(30 x 365)*
12 775

d) 483 x 28

483
x 28
3 864 *(8 x 483)*
9 660 *(20 x 483)*
13 524

e) 521 x 24

521
x 24
2 084 *(4 x 521)*
10 420 *(20 x 521)*
12 504

f) 257 x 25

257
x 25
1 285 *(5 x 257)*
5 140 *(20 x 257)*
6 425

g) 372 x 13

372
x 13
1 116 *(3 x 372)*
3 720 *(10 x 372)*
4 836

h) 422 x 35

422
x 35
2 110 *(5 x 422)*
12 660 *(30 x 422)*
14 770

i) 159 x 23

159
x 23
477 *(3 x 159)*
3 180 *(20 x 159)*
3 657

j) 265 x 19

265
x 19
2 385 *(9 x 265)*
2 650 *(10 x 265)*
5 035

k) 842 x 42

842
x 42
1 684 *(4 x 842)*
33 680 *(20 x 842)*
35 364

l) 606 x 66

606
x 66
3 636 *(6 x 606)*
36 360 *(60 x 606)*
39 996