Directions: Use the information on page 9 to help you do these problems. The first problem has been started for you.

1. 31
x 33
93
+ 930

2. 24
x 21

3. 53
x 32

4. 12
x 14

5. 53
x 23

6. 63
x 31

7. 23
x 42

8. 41
x 23

9. 75
x 44

10. 45
x 29

11. 85
x 33

12. 99
x 27

13. 74
x 34

14. 27
x 65

15. 56
x 86

16. 56
x 37

17. 94
x 26

18. 87
x 37

19. 66
x 87

20. 49
x 52

To multiply 47 x 38, use these three steps.

Step 1	Step 2	Step 3
$\overset{5}{47}$	$\overset{2}{47}$	47
x 38	x 38	x 38
376	376	376
	+ 1,410	+ 1,410
		1,786

Multiplication Reminders
• Regroup and carry.
• Use automatic zero (placeholder).
• Add partial products.
• Add a comma every three digits in the answer, starting from the ones place.

Directions: Use the information on page 9 and the example above to help you solve these problems below. The first one has been done for you.

1.
```
    45
  x 98
   360
+ 4050
 4,410
```

2.
```
    54
  x 24
```

3.
```
    68
  x 59
```

4.
```
    49
  x 76
```

5.
```
    86
  x 76
```

6.
```
    57
  x 98
```

7.
```
    29
  x 65
```

8.
```
    54
  x 77
```

9.
```
    59
  x 75
```

10.
```
    35
  x 66
```

11.
```
    24
  x 35
```

12.
```
    99
  x 73
```

13.
```
    98
  x 44
```

14.
```
    69
  x 93
```

15.
```
    72
  x 84
```

16.
```
    96
  x 68
```

Step by Step

1. Multiply 409 times 8 which equals 3,272.

2. Place an automatic zero (placeholder) in the ones place when multiplying 409 times 3 (tens) which equals 12,270.

3. Add the two partial products (3,272 + 12,270 = 15,542). Don't forget to add a comma every three digits starting from the ones place.

```
    409
  x  38
  3,272
+ 12,270
 15,542
```

Directions: Use the information above to help solve the problems on this page. The first one has been done for you.

1.   507
     x   37
     3,549
   +15,210
    18,759

2.   609
     x   58

3.   706
     x   76

4.   108
     x   25

5.   607
     x   45

6.   304
     x   39

7.   107
     x   98

8.   509
     x   76

9.   608
     x   88

10.   706
      x   99

11.   405
      x   55

12.   407
      x   66

13.   231
      x   78

14.   289
      x   65

15.   578
      x   93

16.   374
      x   69