Two-Digit Multipliers #15

Steps in multiplying by a two-digit factor:

1. Multiply the top factor 27 by the 1 in the bottom factor 51.
2. Multiply 27 by 5 and leave the space below the 7 empty because you are multiplying by a tens' digit.
3. Add the partial products.

```
    27    factor
  × 51    factor
    27    partial product
+ 135    partial product
 1,377   product
```

a.
```
  4,783
  ×    6
```

b.
```
  9,504
  ×    7
```

c.
```
  8,729
  ×    3
```

d.
```
  6,041
  ×    6
```

e.
```
  9,487
  ×    5
```

f.
```
    75
  × 37
```

g.
```
    97
  × 25
```

h.
```
    67
  × 43
```

i.
```
    19
  × 27
```

j.
```
    65
  × 48
```

2. Work.

a.
```
    97
  × 15
```

b.
```
    24
  × 32
```

c.
```
    47
  × 26
```

3. Answer quickly.

a.
```
    6
  × 7
```

b.
```
    4
  × 3
```

c.
```
  12
  × 5
```

d.
```
  11
  × 6
```

e.
```
    9
  × 7
```

f.
```
    6
  × 6
```

g.
```
    7
  × 3
```

h.
```
    9
  × 4
```

i.
```
  12
  × 6
```

j.
```
  10
  × 5
```

k. $5 \times \underline{\quad} = 35$

l. $\underline{\quad} \times 9 = 27$

m. $7 \times \underline{\quad} = 28$