Distributive property of multiplication Over Addition!   Name:_____
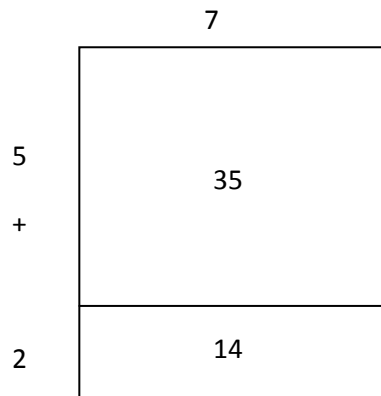
Show how you would break these up to make the multiplication easier, using the distributive property of multiplication over addition. I have done the first one for you.

7 x 7   9 x 8

= 7 x (5 + 2)   =

= 35 + 14   =

= 49   =

```
           7
   ┌──────────────┐
   │              │
 5 │              │
   │      35      │
 + │              │
   ├──────────────┤
 2 │      14      │
   └──────────────┘
```

┌──────────────┐
│   │
│   │
│   │
│   │
└──────────────┘

8 x 13   9 x 17

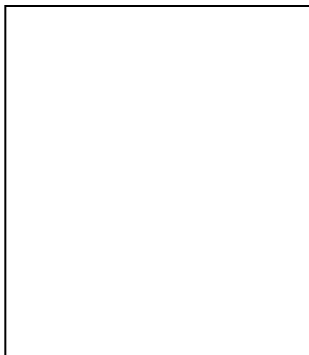=   =

=   =

=   =

┌──────────────┐   ┌──────────────┐
│   │   │   │
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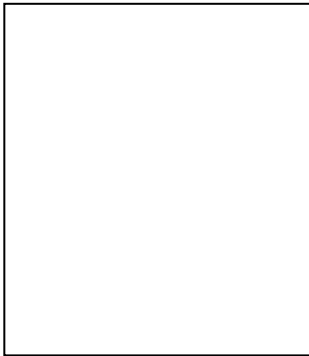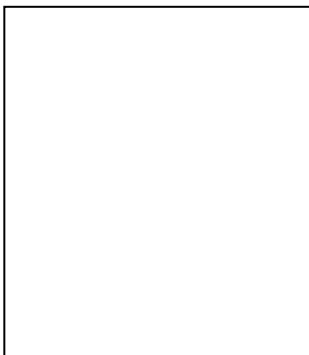└──────────────┘   └──────────────┘

15 x 17

=

=

=

13 x 12

=

=

=

19 x 14

=

=

=

12 x 16

=

=

=