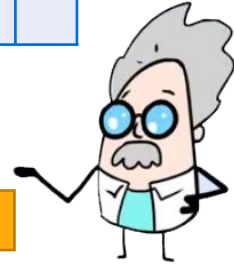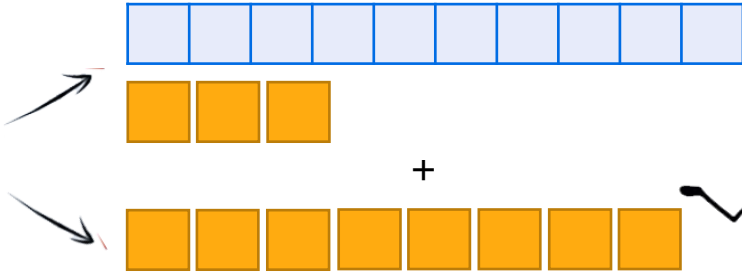# The power of regrouping: two-digit addition

Solve each addition problem using Base 10 blocks to regroup. Follow the example and show your work!

Example

T O

1 3
+ 8
———
2 1

T O

2 4
+ 1 7
———

T O

4 5
+ 1 6
———

T O

7 4
+ 1 8
———

The power of regrouping: two-digit addition

Solve each addition problem using a place value chart. Follow the example and show your work!

```
    H   T   O
   [ ] [1] [ ]
   [ ] [3] [5]
 + [ ] [2] [7]
   ─────────────
   [ ] [6] [2]
```

```
    H   T   O
   [ ] [ ] [ ]
   [ ] [3] [9]
 + [ ] [2] [3]
   ─────────────
   [ ] [ ] [ ]
```

```
    H   T   O
   [ ] [ ] [ ]
   [ ] [3] [5]
 + [ ] [1] [7]
   ─────────────
   [ ] [ ] [ ]
```

```
    H   T   O
   [ ] [ ] [ ]
   [ ] [4] [9]
 + [ ] [2] [6]
   ─────────────
   [ ] [ ] [ ]
```

```
    H   T   O
   [ ] [ ] [ ]
   [ ] [7] [7]
 + [ ] [2] [3]
   ─────────────
   [ ] [ ] [ ]
```

```
    H   T   O
   [ ] [ ] [ ]
   [ ] [3] [4]
 + [ ] [1] [8]
   ─────────────
   [ ] [ ] [ ]
```

```
    H   T   O
   [ ] [ ] [ ]
   [ ] [4] [0]
 + [ ] [2] [7]
   ─────────────
   [ ] [ ] [ ]
```

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Mighty Math Mosaics: add the numbers and use the key to color in the respective shapes.

```
    63          29
  + 33        + 12
  ____        ____
 64                      79
+ 19                   + 17
____                   ____
    21                       24
  + 20    17      38       + 17
  ____  + 43   + 22        ____
        ____   ____
   38
 + 58    13              47
 ____  + 28            + 36
       ____            ____
              43
            + 53
            ____
```

Answer	Color
41	Blue
60	Orange
83	Green
96	Purple

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