Steps: (1) Divide (2) Multiply (3) Subtract (4) Bring down the next number (5) Repeat if needed

(1) $42\overline{)8208560}$	(2) $23\overline{)3406988}$	(3) $80\overline{)9219307}$
(4) $42\overline{)5394985}$	(5) $66\overline{)5817213}$	(6) $20\overline{)1147395}$

Steps: (1) Divide (2) Multiply (3) Subtract (4) Bring down the next number (5) Repeat if needed

Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

(1)

```
        195441 R38
42 | 8208560
   - 42          ( 1 x 42 )
     400
   - 378         ( 9 x 42 )
      228
    - 210        ( 5 x 42 )
       185
     - 168       ( 4 x 42 )
        176
      - 168      ( 4 x 42 )
           80
        - 42     ( 1 x 42 )
Remainder -->       38
```

(2)

```
        148129 R21
23 | 3406988
   - 23          ( 1 x 23 )
     110
   - 92          ( 4 x 23 )
      186
    - 184        ( 8 x 23 )
        29
     - 23        ( 1 x 23 )
        68
      - 46       ( 2 x 23 )
       228
     - 207       ( 9 x 23 )
Remainder -->       21
```

(3)

```
        115241 R27
80 | 9219307
   - 80          ( 1 x 80 )
     121
   - 80          ( 1 x 80 )
      419
    - 400        ( 5 x 80 )
       193
     - 160       ( 2 x 80 )
        330
      - 320      ( 4 x 80 )
        107
       - 80      ( 1 x 80 )
Remainder -->       27
```

(4)

```
        128452 R1
42 | 5394985
   - 42          ( 1 x 42 )
     119
   - 84          ( 2 x 42 )
      354
    - 336        ( 8 x 42 )
       189
     - 168       ( 4 x 42 )
        218
      - 210      ( 5 x 42 )
           85
        - 84     ( 2 x 42 )
Remainder -->        1
```

(5)

```
        88139 R39
66 | 5817213
   - 528         ( 8 x 66 )
     537
   - 528         ( 8 x 66 )
       92
     - 66        ( 1 x 66 )
       261
     - 198       ( 3 x 66 )
        633
      - 594      ( 9 x 66 )
Remainder -->       39
```

(6)

```
        57369 R15
20 | 1147395
   - 100         ( 5 x 20 )
     147
   - 140         ( 7 x 20 )
       73
     - 60        ( 3 x 20 )
       139
     - 120       ( 6 x 20 )
        195
      - 180      ( 9 x 20 )
Remainder -->       15
```