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

(1) $41\overline{)8236}$	(2) $58\overline{)6069}$	(3) $41\overline{)7657}$
(4) $10\overline{)4680}$	(5) $11\overline{)6895}$	(6) $24\overline{)7438}$

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)

```
      200 R36
   41 | 8236
     - 82        ( 2 x 41 )
       03
     - 0         ( 0 x 41 )
       36
     - 0         ( 0 x 41 )
       36
```

Remainder --> 36

(2)

```
      104 R37
   58 | 6069
     - 58        ( 1 x 58 )
       26
     - 0         ( 0 x 58 )
       269
     - 232       ( 4 x 58 )
       37
```

Remainder --> 37

(3)

```
      186 R31
   41 | 7657
     - 41        ( 1 x 41 )
       355
     - 328       ( 8 x 41 )
       277
     - 246       ( 6 x 41 )
       31
```

Remainder --> 31

(4)

```
      468 R0
   10 | 4680
     - 40        ( 4 x 10 )
       68
     - 60        ( 6 x 10 )
       80
     - 80        ( 8 x 10 )
       0
```

Remainder --> 0

(5)

```
      626 R9
   11 | 6895
     - 66        ( 6 x 11 )
       29
     - 22        ( 2 x 11 )
       75
     - 66        ( 6 x 11 )
       9
```

Remainder --> 9

(6)

```
      309 R22
   24 | 7438
     - 72        ( 3 x 24 )
       23
     - 0         ( 0 x 24 )
       238
     - 216       ( 9 x 24 )
       22
```

Remainder --> 22