Long division with remainders: 4-digit by 2-digit

Year 6. Use long division. Write the remainder after r, for example 61 r 17.

Name: _____ Date: _____

1.

30 | 4696

2.

12 | 7144

3.

12 | 4102

4.

23 | 1377

5.

27 | 5733

6.

16 | 6108

Answer key: long division with remainders: 4-digit by 2-digit

Worked long division layouts for every question on page 1.

1. 4696 ÷ 30 = 156 r 16

```
      156 r 16
30 ⟌ 4696
   -30
    169
   -150
     196
    -180
      16
```

2. 7144 ÷ 12 = 595 r 4

```
      595 r 4
12 ⟌ 7144
   -60
    114
   -108
      64
     -60
       4
```

3. 4102 ÷ 12 = 341 r 10

```
      341 r 10
12 ⟌ 4102
   -36
     50
    -48
      22
     -12
      10
```

4. 1377 ÷ 23 = 59 r 20

```
      59 r 20
23 ⟌ 1377
   -115
     227
    -207
      20
```

5. 5733 ÷ 27 = 212 r 9

```
      212 r 9
27 ⟌ 5733
   -54
     33
    -27
      63
     -54
       9
```

6. 6108 ÷ 16 = 381 r 12

```
      381 r 12
16 ⟌ 6108
   -48
    130
   -128
      28
     -16
      12
```