Long division with decimal answers

Year 6. Add a decimal point and zeros to keep dividing. Every answer has 1 or 2 decimal places.

Name: _____ Date: _____

1.

$25 \overline{)215}$

2.

$8 \overline{)468}$

3.

$4 \overline{)655}$

4.

$20 \overline{)457}$

5.

$25 \overline{)328}$

6.

$4 \overline{)815}$

Answer key: long division with decimal answers

Worked long division layouts for every question on page 1.

1. 215 ÷ 25 = 8.6

```
      8.6
25 ⟌ 215.0
   -200
     150
    -150
       0
```

2. 468 ÷ 8 = 58.5

```
      58.5
8  ⟌ 468.0
   -40
     68
    -64
     40
    -40
      0
```

3. 655 ÷ 4 = 163.75

```
     163.75
4  ⟌ 655.00
   -4
    25
   -24
     15
    -12
      30
     -28
       20
      -20
        0
```

4. 457 ÷ 20 = 22.85

```
      22.85
20 ⟌ 457.00
   -40
     57
    -40
     170
    -160
      100
     -100
        0
```

5. 328 ÷ 25 = 13.12

```
      13.12
25 ⟌ 328.00
   -25
     78
    -75
      30
     -25
       50
      -50
        0
```

6. 815 ÷ 4 = 203.75

```
     203.75
4  ⟌ 815.00
   -8
    15
   -12
     30
    -28
      20
     -20
       0
```