# Long division: the bus stop method

Name: _____ Date: _____



**Mr Boston says:** Can the divisor go into the first digits? If not, look at one more digit. Write all your working underneath.

Always: Divide · Multiply · Subtract · Bring down · Repeat

**1** 242 ÷ 22

$22\overline{)242}$

**2** 736 ÷ 32

$32\overline{)736}$

**3** 540 ÷ 27

$27\overline{)540}$

**4** 825 ÷ 25

$25\overline{)825}$

**5** 6,358 ÷ 22

$22\overline{)6358}$

**6** 10,094 ÷ 49

$49\overline{)10094}$

**7** 2,268 ÷ 18

$18\overline{)2268}$

**8** 1,729 ÷ 13

$13\overline{)1729}$

# Answers for grown-ups

Long division: the bus stop method

1. 242 ÷ 22 = **11**

```
    1 1
22 | 2 4 2
     2 2
     ---
       2 2
       2 2
       ---
         0
```

2. 736 ÷ 32 = **23**

```
    2 3
32 | 7 3 6
     6 4
     ---
       9 6
       9 6
       ---
         0
```

3. 540 ÷ 27 = **20**

```
    2 0
27 | 5 4 0
     5 4
     ---
         0
         0
         ---
           0
```

4. 825 ÷ 25 = **33**

```
    3 3
25 | 8 2 5
     7 5
     ---
       7 5
       7 5
       ---
         0
```

5. 6,358 ÷ 22 = **289**

```
    2 8 9
22 | 6 3 5 8
     4 4
     -----
       1 9 5
       1 7 6
       -----
         1 9 8
         1 9 8
         -----
             0
```

6. 10,094 ÷ 49 = **206**

```
    2 0 6
49 | 1 0 0 9 4
     9 8
     -----
         2 9
           0
         ---
         2 9 4
         2 9 4
         -----
             0
```

7. 2,268 ÷ 18 = **126**

```
    1 2 6
18 | 2 2 6 8
     1 8
     -----
       4 6
       3 6
       -----
         1 0 8
         1 0 8
         -----
             0
```

8. 1,729 ÷ 13 = **133**

```
    1 3 3
13 | 1 7 2 9
     1 3
     -----
       4 2
       3 9
       -----
         3 9
         3 9
         ---
           0
```