Name _____   Date _____

1. Divide, then check using multiplication. The first one is done for you.

a. 71 ÷ 20

```
              3    R 11
   2   0 | 7   1
           6   0
           1   1
```

Check:

20 × 3 = 60

60 + 11 = 71

b. 90 ÷ 40

```
        2 R 10
  40 | 9 0
      - 8 0
        1 0
```

40 × 2 = 80

80 + 10 = 90

c. 95 ÷ 60

```
       1 R 35
  60 | 9 5
     - 6 0
       3 5
```

60 × 1 = 60

60 + 35 = 95

d. 280 ÷ 30

```
        9 R 10
  30 | 2 8 0
     - 2 7 0
         1 0
```

30 × 9 = 270

270 + 10 = 280

e. 437 ÷ 60

```
        7 R 17
  60 | 4 3 7
     - 4 2 0
         1 7
```

60 × 7 = 420

420 + 17 = 437

f. 346 ÷ 80

```
        4 R 26
  80 | 3 4 6
     - 3 2 0
         2 6
```

80 × 4 = 320

320 + 26 = 346

Lesson 19: Divide two- and three-digit dividends by multiples of 10 with single-digit quotients and make connections to a written method.
Date: 7/4/13

engage^{ny} 2.F.11

2. A number divided by 40 has a quotient of 6 with a remainder of 16. Find the number.

$$6 \text{ R } 16$$
$$40 \overline{\smash{)}\fbox{?}}$$

$$40 \times 6 = 240$$
$$240 + 16 = 256$$

3. A shipment of 288 reams of paper was delivered. Each of the 30 classrooms received an equal share of the paper. Any extra reams of paper were stored. After the paper was distributed to the classrooms, how many reams of paper were stored?

$$9 \text{ R } 18$$
$$30 \overline{\smash{)}288}$$
$$-270$$
$$18$$

Each classroom received 9 reams of paper.
The remaining 18 reams were stored.

4. How many sixties are in two hundred forty-four?

$$4 \text{ R } 4$$
$$60 \overline{\smash{)}244}$$
$$-240$$
$$4$$

There are 4 sixties in 244. There will be 4 left over.

COMMON CORE

Lesson 19: Divide two- and three-digit dividends by multiples of 10 with single-digit quotients and make connections to a written method.

Date: 7/4/13

engage^ny   **2.F.12**