

Worksheet

Name: _____

Date: _____

Estimate Quotients with 2-Digit Divisors

Estimate the quotients for each of the following problems using compatible numbers.

Example: $266 \div 63$ is about _____

Step 1: Find compatible numbers for 266 and 63.

Round the divisor 63 to the nearest ten: $63 \rightarrow 60$

The two closest multiples of 60 are: 240 and 300

But, 240 is a closest to the dividend 266

So, 240 and 60 are compatible numbers.

Step 2: Use patterns to divide the compatible numbers.

$$24 \div 6 = 4$$

$$240 \div 60 = 4$$

So, $266 \div 63$ is about 4

a) $620 \div 21 =$

b) $683 \div 67 =$

c) $453 \div 54 =$

d) $875 \div 28 =$

e) $563 \div 77 =$

f) $2,146 \div 74 =$

END OF WORKSHEET