

Estimating Division

2DD 1

Instructions: For each problem, use round numbers to estimate how many times the first number will divide into the second number. You can round each number to different a place value (ones, tens, hundreds) if it seems like it will make it easier to estimate. The first 3 have been done as examples.

Note: Answers may vary. When grading, because these are just estimates, the answers are not really right or wrong, but just closer to or farther from the estimate we made.

1 12 into 63
 ↓ ↓
 10 60
 Estimate: **6**
 5 or 7 would also be
 reasonable estimates

2 23 into 47
 ↓ ↓
 25 50
 Estimate: **2**
 1 or 3 would also be
 reasonable estimates

3 46 into 186
 ↓ ↓
 50 200
 Estimate: **4**
 3 or 5 would also be
 reasonable estimates

4 18 into 39

5 43 into 115

6 33 into 146

7 31 into 89

8 16 into 58

9 17 into 174

10 83 into 235

11 11 into 79

12 26 into 177

2-Digit Divisor Practice (Set 1)

2DD 2

Instructions: Divide. Follow the procedure you learned from the video. Remember, it's helpful to use estimating and some trial-and-error to figure out each division step.

$$\begin{array}{r} 53 \\ 10 \overline{)530} \\ \underline{-50} \\ 30 \\ \underline{-30} \\ 0 \end{array}$$

$$2 \quad 20 \overline{)640}$$

$$3 \quad 15 \overline{)3,015}$$

$$4 \quad 14 \overline{)1,708}$$

$$5 \quad 12 \overline{)3,708}$$

$$6 \quad 19 \overline{)8,189}$$

2-Digit Divisor Practice (Set 2)

2DD 3

Instructions: Divide. Follow the procedure you learned from the video. Remember, it's helpful to use estimating and some trial-and-error to figure out each division step.

$$\begin{array}{r} 46 \\ 14 \overline{)644} \\ \underline{-56} \\ 84 \\ \underline{-84} \\ 0 \end{array}$$

$$21 \overline{)315}$$

$$25 \overline{)3,250}$$

$$32 \overline{)8,192}$$

$$13 \overline{)1,183}$$

$$21 \overline{)4,914}$$

Really Long 2-Digit Divisor Practice (Set 1)

2DD 4

Instructions: Divide. Follow the procedure you learned from the video. Remember, it's helpful to use estimating and some trial-and-error to figure out each division step.

1 $12 \overline{)43,824}$

2 $23 \overline{)32,936}$

3 $50 \overline{)31,700}$

4 $75 \overline{)903,225}$

Really Long 2-Digit Divisor Practice (Set 2)

2DD 5

Instructions: Divide. Follow the procedure you learned from the video. Remember, it's helpful to use estimating and some trial-and-error to figure out each division step.

1 $30 \overline{)94,350}$

2 $18 \overline{)43,794}$

3 $15 \overline{)675,420}$

4 $80 \overline{)188,560}$