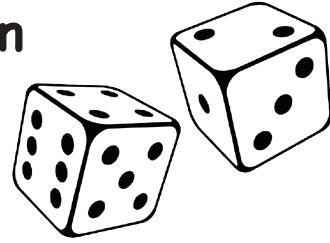


Doing Dickey Division



Division vocabulary:

Dividend - the total number that will be divided in a division expression

Divisor - the number of groups in a division expression

Quotient - the answer to a division problem

$$\begin{array}{r}
 \text{quotient} \\
 \downarrow \\
 203 \\
 \hline
 \text{divisor} \quad 46 \overline{) 9,338} \\
 \uparrow \\
 \text{dividend}
 \end{array}$$

Division strategies:

Digit-By-Digit method

1. Divide
2. Multiply
3. Subtract
4. Bring down

$$\begin{array}{r}
 \times \quad 119 \\
 21 \overline{) 2,499} \\
 \underline{-21} \\
 39 \\
 \underline{-21} \\
 189 \\
 \underline{-189} \\
 0
 \end{array}$$

Rectangle Sections method $6 \overline{) 1,293}$

1. Estimate the first number
2. Multiply and subtract
3. Make a new section
4. Repeat until your remainder is smaller than your divisor

$$\begin{array}{r}
 200 + 10 + 5 = 215 \text{ R } 3 \\
 6 \overline{) 1,293} \\
 \underline{-1,200} \\
 93 \\
 \underline{-60} \\
 33 \\
 \underline{-30} \\
 3
 \end{array}$$

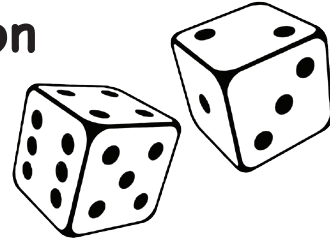
93 33 3

Make a new section

Name: _____

Date: _____

Doing **Dicey** Division



Directions: Roll four dice to get the dividend and two dice to get the divisor.
Use the **Digit-By-Digit** method to find the quotient.

1.

--	--	--	--	--	--

2.

--	--	--	--	--	--

3.

--	--	--	--	--	--

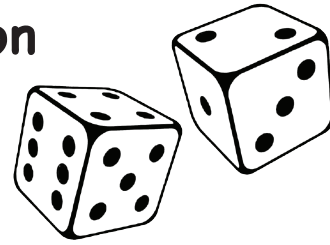
4.

--	--	--	--	--	--

Name: _____

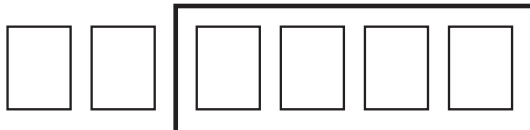
Date: _____

Doing **Dicey** Division

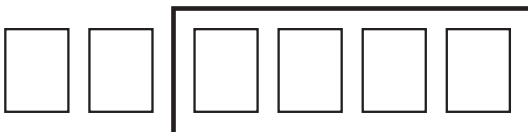


Directions: Roll four dice to get the dividend and two dice to get the divisor.
Use the **Rectangle Sections method** to find the quotient.

1.



2.



3.

