

Let's Divide Decimals^{N6.4}

NEED: partner, three dice, *Math Journals*, one calculator

1. PLAYER ONE rolls three dice.
2. Turn the dice into a decimal number (the dividend). For example,



5 and 1 and 5, so the decimal is .515 or 1.55 or 5.15 or...

3. Roll one of the dice to get the divisor.
4. PLAYER ONE divides in their *Math Journal* to get an answer. PLAYER TWO enters the problem into a calculator to check the answer.
5. If PLAYER ONE gets the answer correct, they receive one point.
6. Now it's PLAYER TWO's turn. Repeat.

$$\begin{array}{c} 15 \div 3 = 5 \\ \text{dividend} \quad \uparrow \quad \text{quotient} \\ \text{divisor} \end{array}$$

$$\begin{array}{c} 4 \rightarrow \text{quotient} \\ \text{divisor} \leftarrow 2 \quad \rightarrow 8 \rightarrow \text{dividend} \end{array}$$

$$\begin{array}{r} 4.3 \\ 2 \overline{) 8.6} \\ \underline{-8} \downarrow \\ 06 \\ \underline{-6} \\ 0 \end{array}$$

The first person to reach 10 points WINS!