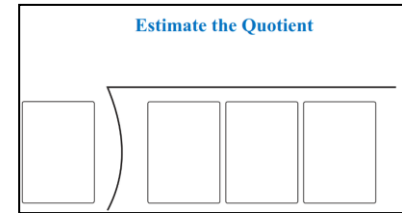


Estimate the Quotient



Materials: numeral cards (0-9)

1. Work with a partner. Shuffle the deck of numeral cards and place them facedown on the table. Take turns to turn over four cards. Use three cards to make a dividend and one card as a divisor. Write out the division problem.
2. Rewrite the problem using compatible numbers that are close to the actual numbers and easy to divide mentally. Estimate the quotient mentally.

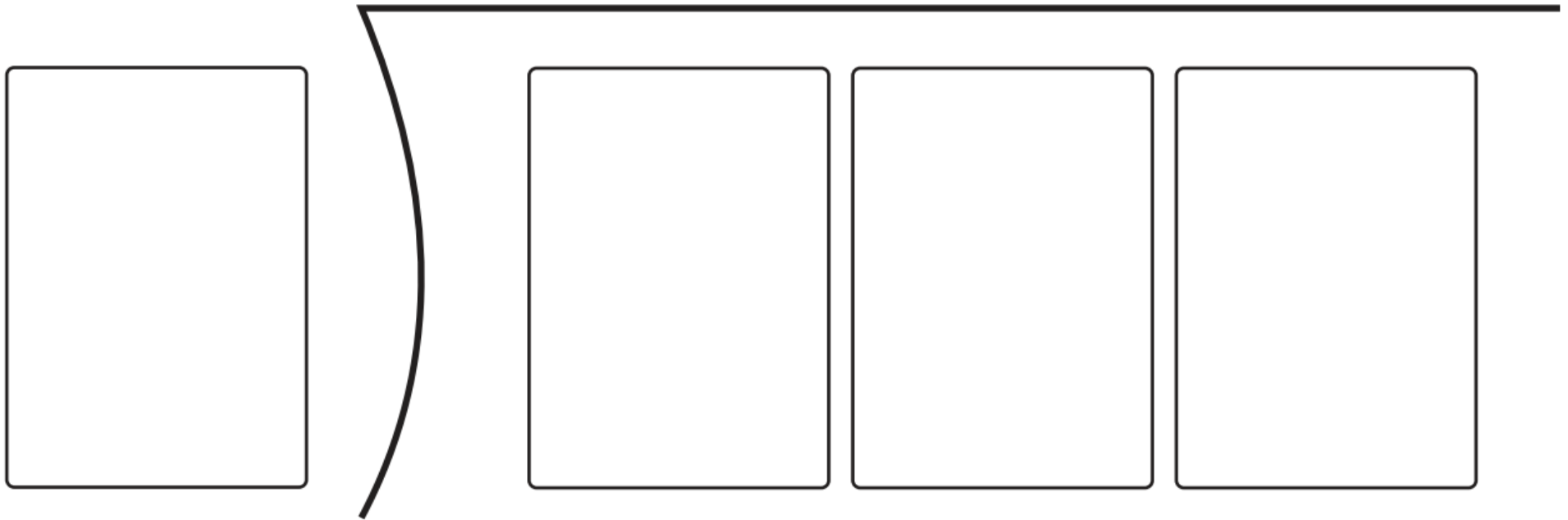
Example: $\boxed{7} \overline{) \boxed{4} \boxed{1} \boxed{8}}$ $418 \div 7 \rightarrow 420 \div 7 = 60$

I estimate that __ divided by __ is __ because

3. Explain your reasoning to your partner.
4. Repeat steps 1-3 at least five times.
5. Challenge: Try estimating quotients for problems with four-digit dividends and one-digit divisors.

Example: $2,394 \div 8 \rightarrow 2,400 \div 8 = 300$

Estimate the Quotient



I estimate that ____
divided by ____ is ____
because

I estimate that ____
divided by ____ is ____
because

I estimate that ____
divided by ____ is ____
because

I estimate that ____
divided by ____ is ____
because