

Adding with Paper

Did You Know? Paper is thin, flat, and smooth. Paper can be folded, cut, ripped, and burned. Sometimes paper has color. Most paper is made from wood.

Get some construction paper and scissors.

① Cut the construction paper into 18 thin strips.

② Use the strips of paper to model two addition equations.

Make at least one doubles fact.

③ Write the addition equations you modeled.

$$\begin{array}{r} 8 \\ \hline \end{array} + \begin{array}{r} 3 \\ \hline \end{array} = \begin{array}{r} 11 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \hline \end{array} + \begin{array}{r} 6 \\ \hline \end{array} = \begin{array}{r} 12 \\ \hline \end{array} \quad \text{Sample answers given.}$$

④ Use the strips to model a near doubles fact.

Then write the near doubles fact you modeled.

$$\begin{array}{r} 6 \\ \hline \end{array} + \begin{array}{r} 7 \\ \hline \end{array} = \begin{array}{r} 13 \\ \hline \end{array} \quad \text{Sample answer given.}$$

⑤ **Extension** Use a different number of strips.

Show all the addition equations you can make with that number of strips. Show your work below.

Check students' answers.

