

Fact Family Triangle Game

Addition/Subtraction



Individually: Roll two dice to select the numbers for the bottom corners of the triangle. Add the total to get the top corner of the triangle. Reverse the equation to create subtraction sentences.

Partners: Roll two dice each and enter them in the bottom corners of each person's triangle. Guess who will have the bigger total. Add each set together to find the top corner of the triangle. The person whose total is larger earns a point. Reverse the equation to create subtraction sentences.

Challenge: Roll two dice for each of the bottom corners, so that each corner has a number between 2-12.

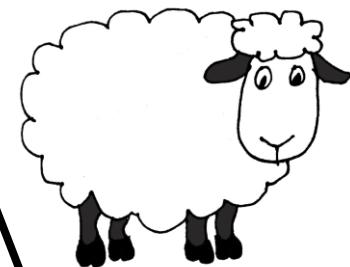
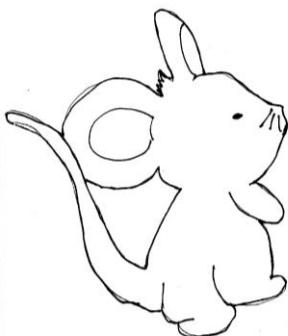
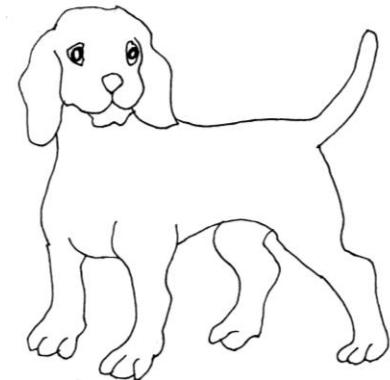
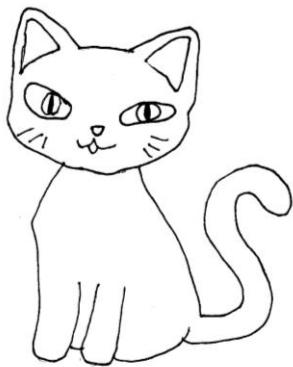
Multiplication/Division

Individually: Roll two dice to select the numbers for the bottom corners of the triangle. Multiply the total to get the top corner of the triangle. Reverse the equation to create a division sentence.

Partners: Roll one dice each and enter them in the bottom corners of the triangle. Multiply them together to find the top corner of the triangle. Reverse the equation to create division sentences.

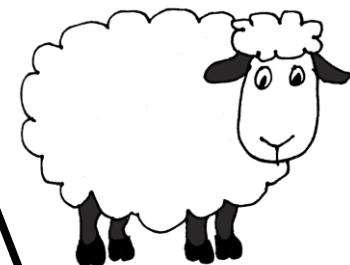
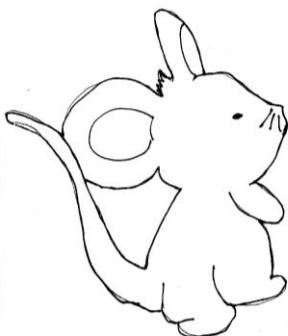
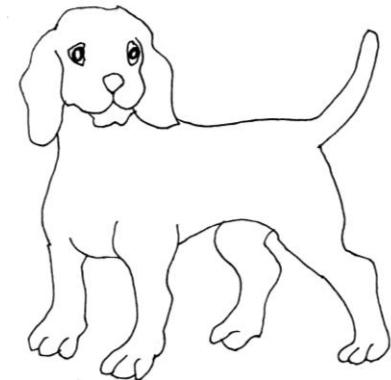
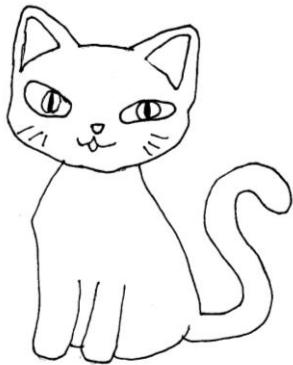
Challenge: Roll two dice for each of the bottom corners, so that each corner has a number between 2-12.

Scoring: Use one of the templates to either make tally marks or grow one of the animal families by coloring in dogs, cats, mice or sheep.



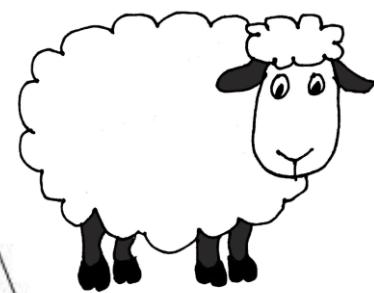
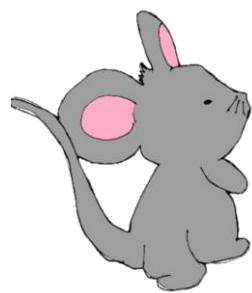
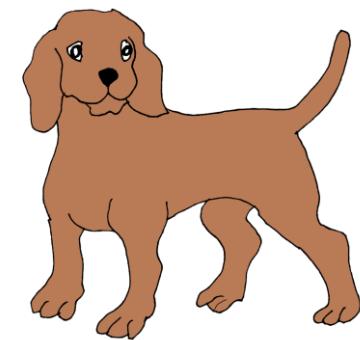
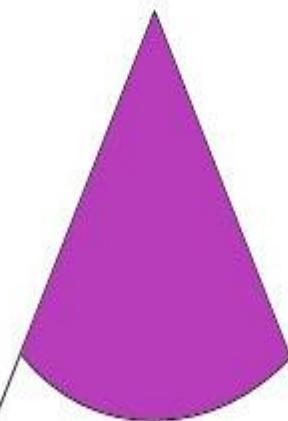
Fact Family

$$\begin{array}{c} + \quad = \\ \hline \quad \quad \quad \end{array}$$
$$\begin{array}{c} + \quad = \\ \hline \quad \quad \quad \end{array}$$
$$\begin{array}{c} - \quad = \\ \hline \quad \quad \quad \end{array}$$
$$\begin{array}{c} - \quad = \\ \hline \quad \quad \quad \end{array}$$



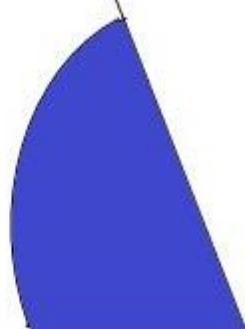
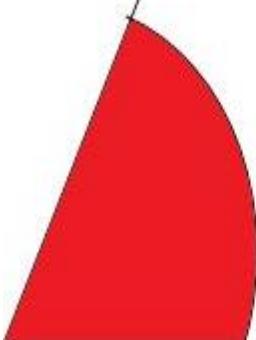
Fact Family

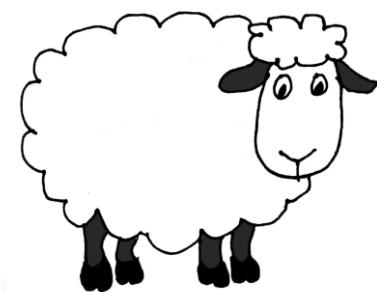
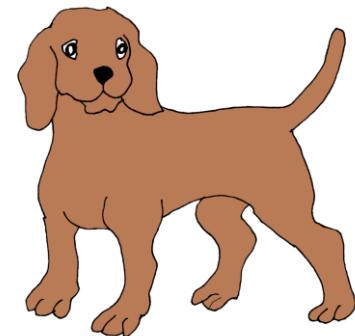
$$\begin{array}{r} \times \quad = \\ \hline \quad \quad \quad \end{array}$$
$$\begin{array}{r} \times \quad = \\ \hline \quad \quad \quad \end{array}$$
$$\begin{array}{r} \div \quad = \\ \hline \quad \quad \quad \end{array}$$
$$\begin{array}{r} \div \quad = \\ \hline \quad \quad \quad \end{array}$$



$$\begin{array}{ccc} \boxed{\text{blue}} & + & \boxed{\text{red}} \\ \boxed{\text{red}} & + & \boxed{\text{blue}} \end{array} = \begin{array}{c} \boxed{\text{purple}} \\ \boxed{\text{purple}} \end{array}$$

$$\begin{array}{ccc} \boxed{\text{purple}} & - & \boxed{\text{red}} \\ \boxed{\text{purple}} & - & \boxed{\text{blue}} \end{array} = \begin{array}{c} \boxed{\text{blue}} \\ \boxed{\text{red}} \end{array}$$





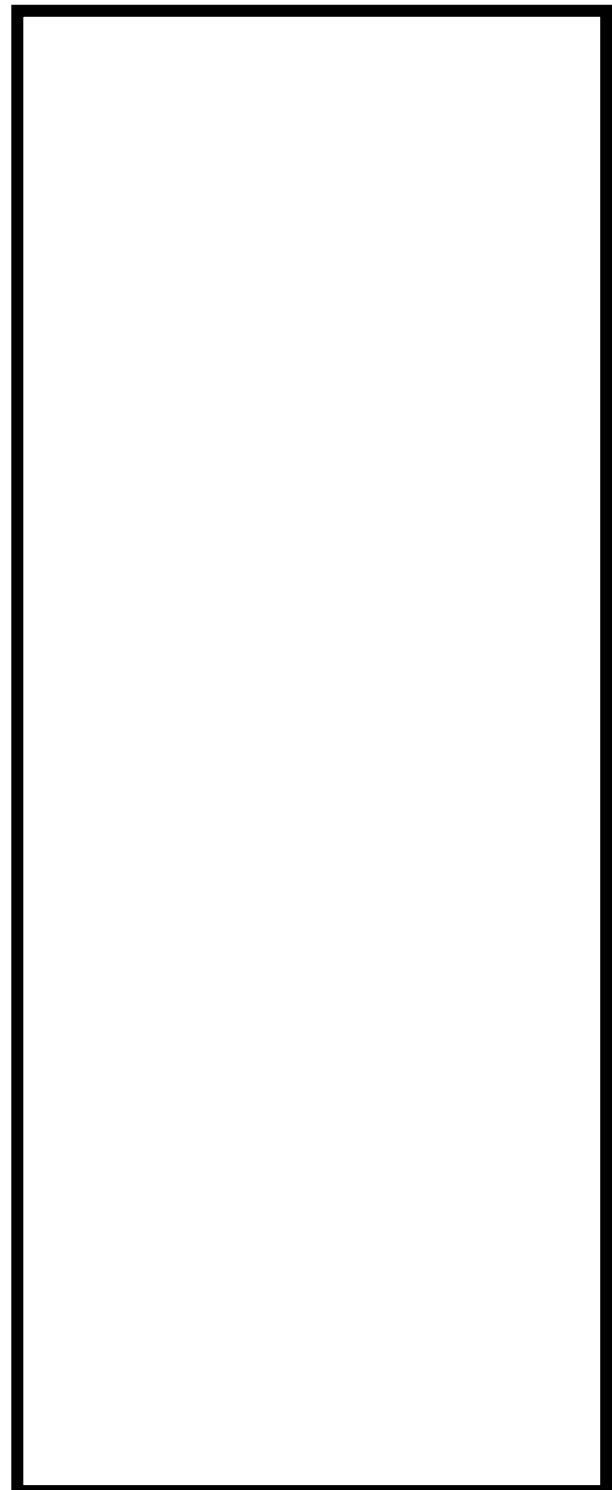
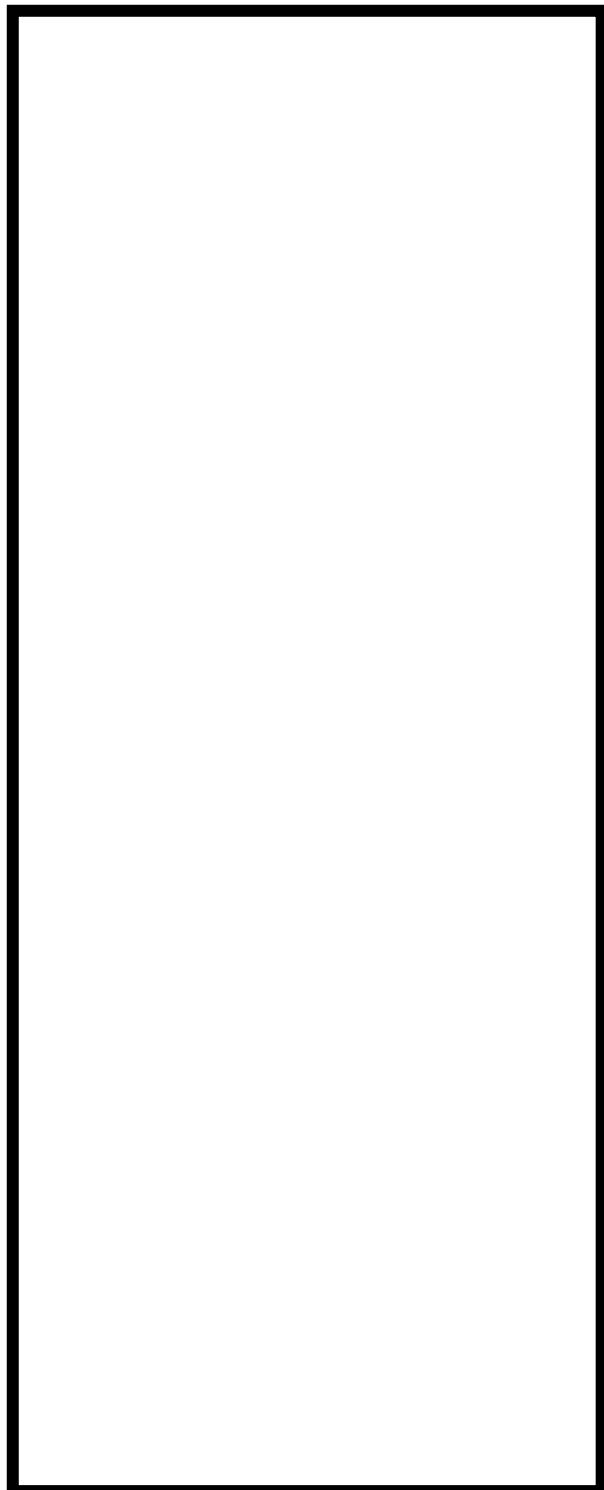
$$\begin{array}{c} \boxed{\text{blue}} \\ \times \end{array} \quad \begin{array}{c} \boxed{\text{red}} \\ = \end{array} \quad \begin{array}{c} \boxed{\text{purple}} \end{array}$$

$$\begin{array}{c} \boxed{\text{red}} \\ \times \end{array} \quad \begin{array}{c} \boxed{\text{blue}} \\ = \end{array} \quad \begin{array}{c} \boxed{\text{purple}} \end{array}$$

$$\begin{array}{c} \boxed{\text{purple}} \\ \div \end{array} \quad \begin{array}{c} \boxed{\text{red}} \\ = \end{array} \quad \begin{array}{c} \boxed{\text{blue}} \end{array}$$

$$\begin{array}{c} \boxed{\text{purple}} \\ \div \end{array} \quad \begin{array}{c} \boxed{\text{blue}} \\ = \end{array} \quad \begin{array}{c} \boxed{\text{red}} \end{array}$$

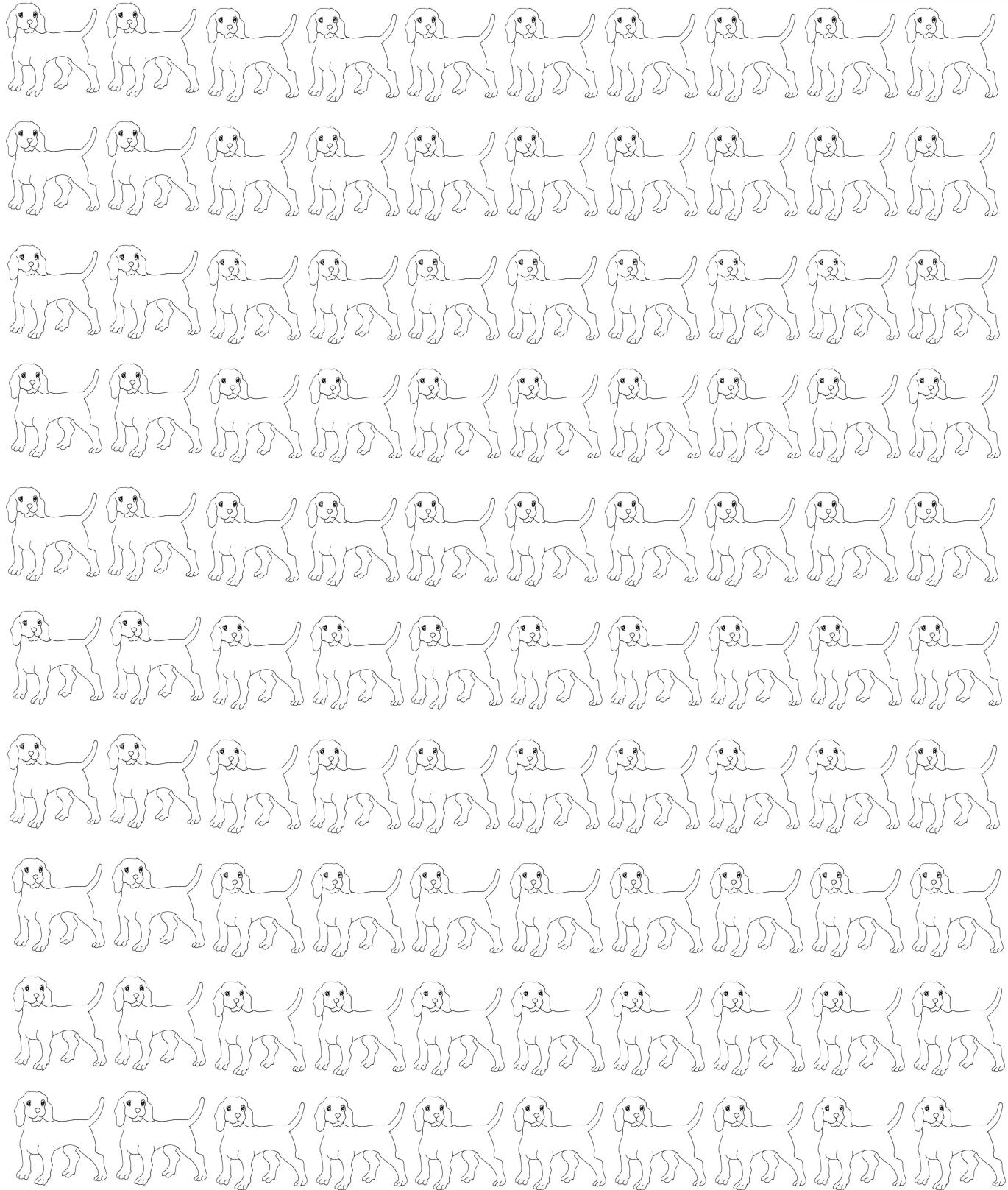
Our Score Card



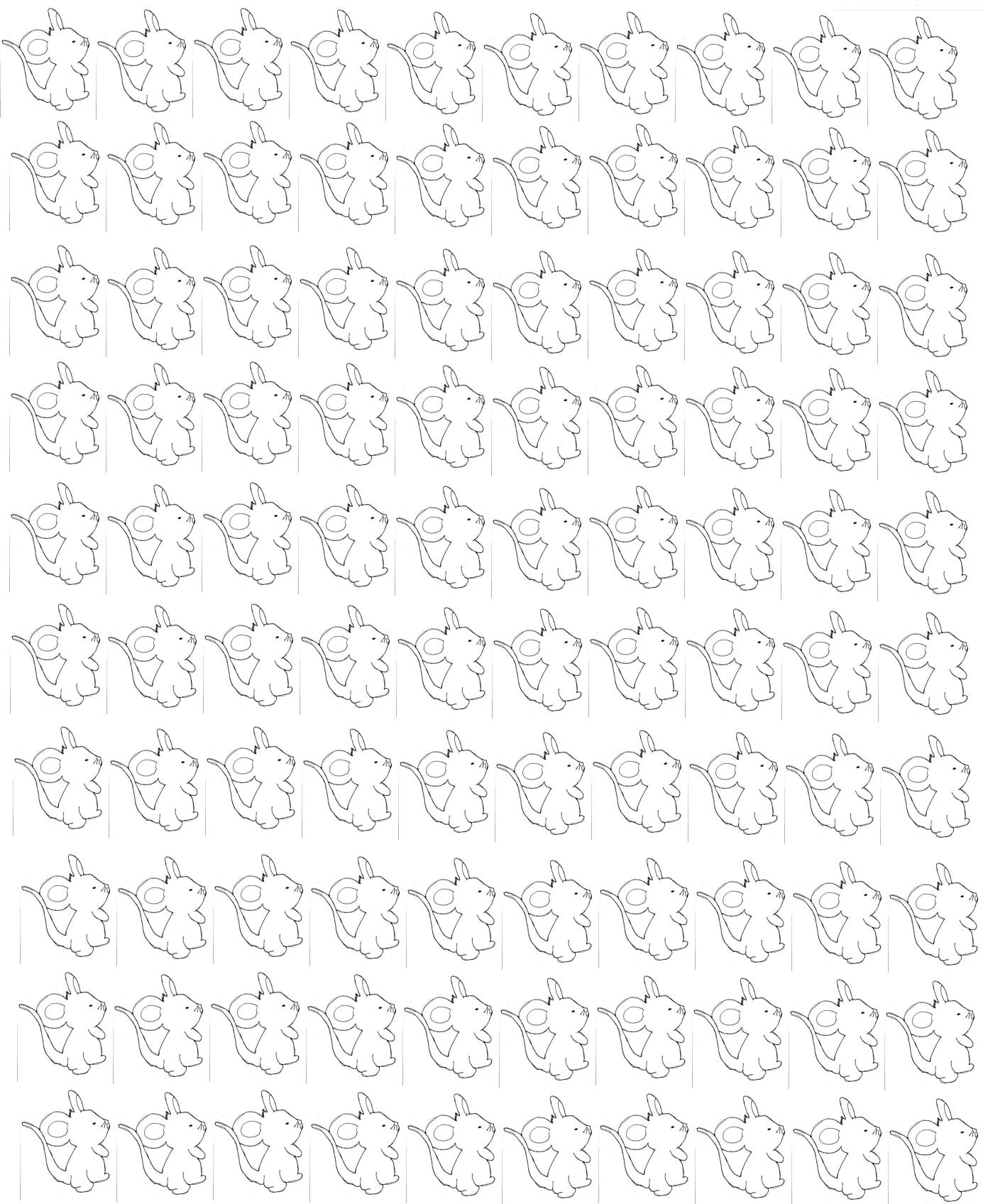
Cat Family Score Card



Dog Family Score Card



Mouse Family Score Card



Sheep Family Score Card

