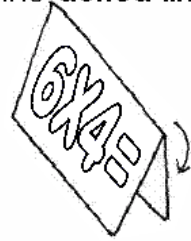


1. Flash the Math.

FLASH CARDS

Cut out these cards along the **solid lines**.
Fold along the **dotted lines** to make two-sided
flash cards.



 Color and decorate
your flash cards.
Take your time, make
them really fancy.
Think about the
numbers as you color.
That will help you
memorize the facts.


24	$6 \times 4 =$	42	$6 \times 7 =$	60	$6 \times 10 =$
18	$6 \times 3 =$	36	$6 \times 6 =$	54	$6 \times 9 =$
12	$6 \times 2 =$	30	$6 \times 5 =$	48	$6 \times 8 =$

1. Flash the Math.

FLASH CARDS

Cut out these cards along the **solid lines**.
Fold along the **dotted lines** to make two-sided
flash cards.

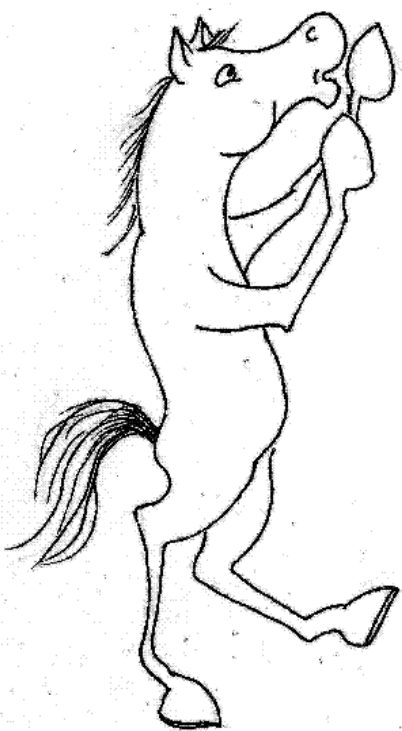
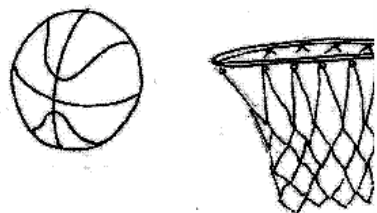


 Color and decorate
your flash cards.
Take your time, make
them really fancy.
Think about the
numbers as you color.
That will help you
memorize the facts.

28	$7 \times 4 =$	49	$7 \times 7 =$	70	$7 \times 10 =$
21	$7 \times 3 =$	42	$7 \times 6 =$	63	$7 \times 9 =$
14	$7 \times 2 =$	35	$7 \times 5 =$	56	$7 \times 8 =$

2. Play the Math. Game One

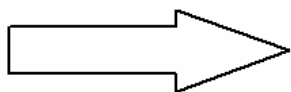
Horse



Play

Flash card
"Horse" or "Pig"

HOW TO PLAY



Flashcard "Horse"

(or "PIG")

DIRECTIONS:

For 2 or more players

Use ALL your flash cards 2x to 7x

Sort the flash cards into 6 stacks by facts ...
answer side down:

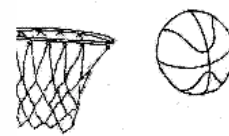
all 2x stack all 3x stack all 4x stack all 5x stack all 6x stack all 7x stack

First player chooses a card from any stack and tries to give the correct answer.

If the first player gives correct answer, the next player has to answer a math fact from the same stack (or next closest stack when one stack is used up).

If the second player gets that fact wrong that player gets a letter H (on next turns: O, then R, then S then E).

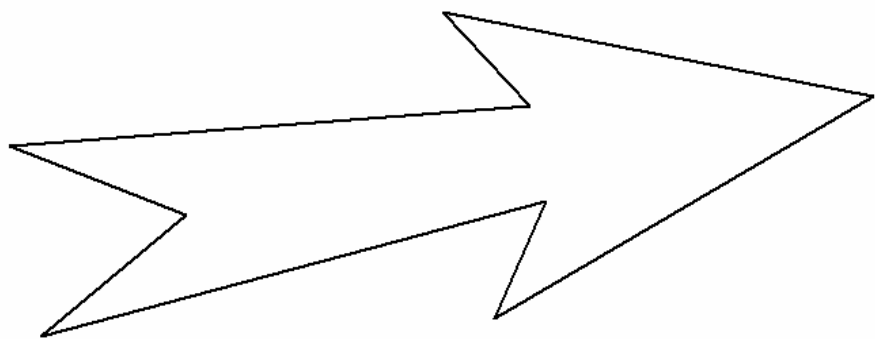
First player to spell out H,O,R,S,E loses.



2. Play the Math. Game two

PLAY:

HIGH SCORE



For two or more players

HIGH SCORE

DIRECTIONS:

Use all your flash cards (2x to 7x).

Each player places his/her cards in a pile, answer side down.

Each player draws the top card from his/her pile, and tries to answer the math fact on the card.

The player with the flash card with the highest answer takes both cards.

Play until one person wins all the cards ... or until time runs out. Then the person with the most cards wins.

(Remember to get your own cards back after the game is done)

HIGH SCORE

HIGH SCORE

HIGH SCORE

X-Ray Vision



Fold this sheet neatly and evenly in half, with the printed side on the outside. Solve as many of the problems as you can in **90 seconds**. When you are done, hold the folded paper - problem side facing you - up to the light. You will see the correct answers through the paper. **Check your answers!** If you have trouble seeing through the paper, press the two halves of the paper closer together.

42 42 84 81 84 6 42

84 42 42 24 36 42 12

42 42 84 81 42 42 42

6 81 60 42 36 42 42

36 12 30 42 42 84 42

3. Work the Math.

1st 90 Seconds of Math

The next three pages have timed drills. Do these problems with a stop-watch. How many can you get right in 90 seconds? Try to beat your own score on each page.

HOLD UP TO THE LIGHT TO CHECK ANSWERS

$$\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$$

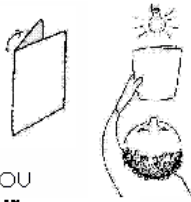
$$\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$$

FOLD ALONG LINE

3. Work the Math. 2nd sheet

Fold this sheet neatly and evenly in half, with the printed side on the outside. Solve as many of the problems as you can in **90 seconds**. When you are done, hold the folded paper - problem side facing you - up to the light. You will see the correct answers through the paper. **Check your answers!** If you have trouble seeing through the paper, press the two halves of the paper closer together.



$$\begin{array}{r} 45 \\ 32 \\ 51 \\ 29 \\ 45 \\ 49 \\ 14 \end{array}$$

$$\begin{array}{r} 93 \\ 58 \\ 29 \\ 51 \\ 29 \\ 7 \\ 93 \end{array}$$

$$\begin{array}{r} 29 \\ 58 \\ 49 \\ 93 \\ 45 \\ 58 \\ 14 \end{array}$$

$$\begin{array}{r} 93 \\ 49 \\ 29 \\ 51 \\ 49 \\ 93 \\ 93 \end{array}$$

$$\begin{array}{r} 7 \\ 51 \\ 70 \\ 58 \\ 45 \\ 58 \\ 49 \end{array}$$

$$\begin{array}{r} 45 \\ 14 \\ 32 \\ 58 \\ 49 \\ 29 \\ 93 \end{array}$$

3. Work the Math.

2nd 90 Seconds of Math
Hold up to light to check answers

$$\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline \end{array}$$

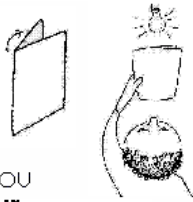
$$\begin{array}{r} 7 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$$

FOLD ALONG LINE

3. Work the Math. 3rd sheet

Fold this sheet neatly and evenly in half, with the printed side on the outside. Solve as many of the problems as you can in **90 seconds**. When you are done, hold the folded paper - problem side facing you - up to the light. You will see the correct answers through the paper. **Check your answers!** If you have trouble seeing through the paper, press the two halves of the paper closer together.



$$\begin{array}{r} 45 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 27 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ \times 6 \\ \hline \end{array}$$

3. Work the Math.

3rd 90 Seconds of Math
Hold up to light to check answers

$$\begin{array}{r} 2 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 6 \\ \hline \end{array}$$

FOLD ALONG LINE

3. Work the Math. Mastery Test

TO **BEAT** THE 6x and 7x LEVEL,
take this final test with an adult. Have the adult correct the test and
sign at the bottom if you get ALL problems right in **90 secs.**

$$\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$$

100% of these problems were answered correctly. Signed _____

Congratulations



_____ name of student

has **Beaten** the 6x and 7x Level. This student has
mastery over multiplying single digit numbers to 6 and 7.

signed _____