

Name: _____

TANGMATH

1.

$$113 \div 3 = \underline{37 \text{ R}2}$$

90	23
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21	2
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$$\begin{aligned} 90 \div 3 &= 30 \\ 21 \div 3 &= 7 \\ 2 \div 3 &= \underline{\quad} \text{ R}2 \\ &\underline{37 \text{ R}2} \end{aligned}$$

2.

$$3 \overline{) 113}$$

3.

$$197 \div 4 = \underline{\quad}$$

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4.

$$4 \overline{) 197}$$

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1.

$$\begin{array}{r} 4 \overline{) 495} \\ \end{array}$$

2.

$$\begin{array}{r} 5 \overline{) 581} \\ \end{array}$$

3.

$$\begin{array}{r} 6 \overline{) 646} \\ \end{array}$$

4.

$$\begin{array}{r} 7 \overline{) 793} \\ \end{array}$$

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1.

$$\begin{array}{r} 6 \overline{) 628} \\ \end{array}$$

2.

$$\begin{array}{r} 7 \overline{) 792} \\ \end{array}$$

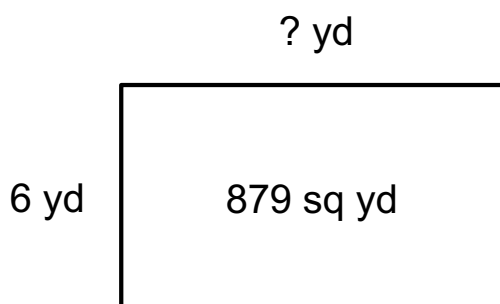
3.

$$\begin{array}{r} 8 \overline{) 899} \\ \end{array}$$

4.

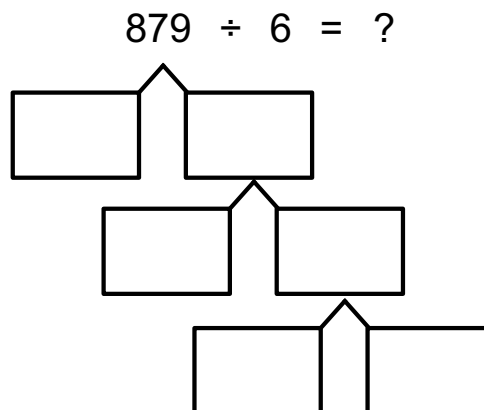
$$\begin{array}{r} 9 \overline{) 947} \\ \end{array}$$

A rectangular playground is 879 square yards. The length of the short side is 6 yards. To find the length of the long side, Tim uses the partial quotients algorithm and shows his work below.



	1 4 6	
6	$\begin{array}{r} 879 \\ -600 \\ \hline 279 \\ -240 \\ \hline 39 \\ -36 \\ \hline 3 \\ -3 \\ \hline 0 \end{array}$	$\begin{array}{r} 100 \\ 40 \\ 6 \\ R3 \\ 146 R3 \end{array}$

- a. Fill in the number bonds to show how Tim is breaking 879 apart.



- b. Explain why the long side is longer than 146 yards.

MAZE - E

Find a path from the top to the bottom of the maze.

Circle the expression if the **remainder is 5**.

$287 \div 5$	$388 \div 8$	$365 \div 6$	$265 \div 7$	$570 \div 9$
$499 \div 9$	$626 \div 9$	$549 \div 8$	$483 \div 9$	$399 \div 5$
$218 \div 5$	$523 \div 7$	$287 \div 5$	$311 \div 7$	$697 \div 9$
$501 \div 7$	$482 \div 9$	$425 \div 7$	$243 \div 7$	$317 \div 8$
$278 \div 8$	$275 \div 7$	$304 \div 6$	$501 \div 7$	$572 \div 9$
$450 \div 6$	$363 \div 8$	$483 \div 9$	$201 \div 6$	$359 \div 6$