

Name _____

DIVIDE BY THREE – ONCE, TWICE **ANSWERS**

If it's by nine you are dividing,
Take a third once, take a third again.

Problem	Divide by Three Once	Divide by Three Twice	Therefore
$9 \div 9 =$	third of 9, $9 \div 3 = 3$	third of 3, $3 \div 3 = 1$	$3 \div 3 = 1$
$18 \div 9 =$	third of 18, $18 \div 3 = 6$	third of 6, $6 \div 3 = 2$	$6 \div 3 = 2$
$27 \div 9 =$	third of 27, $27 \div 3 = 9$	third of 9, $9 \div 3 = 3$	$9 \div 3 = 3$
$36 \div 9 =$	third of 36, $36 \div 3 = 12$	third of 12, $12 \div 3 = 4$	$12 \div 3 = 4$
$45 \div 9 =$	third of 45, $45 \div 3 = 15$	third of 15, $15 \div 3 = 5$	$15 \div 3 = 5$
$54 \div 9 =$	third of 54, $54 \div 3 = 18$	third of 18, $18 \div 3 = 6$	$18 \div 3 = 6$
$63 \div 9 =$	third of 63, $63 \div 3 = 21$	third of 21, $21 \div 3 = 7$	$21 \div 3 = 7$
$72 \div 9 =$	third of 72, $72 \div 3 = 24$	third of 24, $24 \div 3 = 8$	$24 \div 3 = 8$
$81 \div 9 =$	third of 81, $81 \div 3 = 27$	third of 27, $27 \div 3 = 9$	$27 \div 3 = 9$
$90 \div 9 =$	third of 90, $90 \div 3 = 30$	third of 30, $30 \div 3 = 10$	$30 \div 3 = 10$

$$\begin{array}{r} 4 \\ 9 \overline{)36} \end{array}
 \quad
 \begin{array}{r} 3 \\ 9 \overline{)27} \end{array}
 \quad
 \begin{array}{r} 2 \\ 9 \overline{)18} \end{array}
 \quad
 \begin{array}{r} 3 \\ 9 \overline{)27} \end{array}
 \quad
 \begin{array}{r} 5 \\ 9 \overline{)45} \end{array}$$

$$\begin{array}{r} 1 \\ 9 \overline{)9} \end{array}
 \quad
 \begin{array}{r} 8 \\ 9 \overline{)72} \end{array}
 \quad
 \begin{array}{r} 4 \\ 9 \overline{)36} \end{array}
 \quad
 \begin{array}{r} 10 \\ 9 \overline{)90} \end{array}
 \quad
 \begin{array}{r} 6 \\ 9 \overline{)54} \end{array}$$

$$\begin{array}{r} 5 \\ 9 \overline{)45} \end{array}
 \quad
 \begin{array}{r} 2 \\ 9 \overline{)18} \end{array}
 \quad
 \begin{array}{r} 10 \\ 9 \overline{)90} \end{array}
 \quad
 \begin{array}{r} 3 \\ 9 \overline{)27} \end{array}
 \quad
 \begin{array}{r} 6 \\ 9 \overline{)54} \end{array}$$

$$\begin{array}{r} 7 \\ 9 \overline{)63} \end{array}
 \quad
 \begin{array}{r} 7 \\ 9 \overline{)63} \end{array}
 \quad
 \begin{array}{r} 9 \\ 9 \overline{)81} \end{array}
 \quad
 \begin{array}{r} 1 \\ 9 \overline{)9} \end{array}
 \quad
 \begin{array}{r} 8 \\ 9 \overline{)72} \end{array}$$