

**Important Ideas about Multiplication and Division that 6<sup>th</sup> Graders should know....**

Forms of Multiplication	
$3 \times b$	$a \times b$
$3 * b$	$a * b$
$3 \cdot b$	$a \cdot b$
$3b$	$ab$
$3(b)$	$a(b)$
$(3)(b)$	$(a)(b)$
$(3b)$	$(ab)$

2.   
  $\frac{763}{567}$

Side by side you multiply!

$47215 \div 63$

Explaining Division	
Question: How many groups of 63 are in 47215?	
$  \begin{array}{r}  749 \\  \hline  63 \overline{) 47215} \\  \underline{-441} \phantom{0} \downarrow \\  2811 \\  \underline{-252} \phantom{0} \downarrow \\  2915 \\  \underline{-567} \\  28  \end{array}  $	<ul style="list-style-type: none"> <li>• There are zero groups of 63 in 4 as well as 47.</li> <li>• There are 7 groups of 63 in 472 with 31 remaining.</li> <li>• There are 4 groups of 63 in 311 with 59 remaining.</li> <li>• There are 9 groups of 63 in 595 with 28 remaining.</li> </ul>
Statement: There are 749 groups of 63 in 47215 with 28 remaining.	

## Attachments

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