

Dear Parents,

Thank you for helping your child these past weeks with the squares, doubles, and fives in multiplication. We are halfway through our multiplication unit (3 more lists to go). This list we will continue your child's understanding of multiplication facts. On the fourth list, we are focusing on the multiplication facts below. Please drill these facts and review the previous facts as well (squares, twos, and fives):

#### List 4's Facts: Learn the Threes

$3 \times 4 = 12$ $4 \times 3 = 12$	$3 \times 6 = 18$ $6 \times 3 = 18$	$3 \times 8 = 24$ $8 \times 3 = 24$
$3 \times 5 = 15$ $5 \times 3 = 15$	$3 \times 7 = 21$ $7 \times 3 = 21$	$3 \times 9 = 27$ $9 \times 3 = 27$

#### Review the following

$2 \times 2 = 4$	$7 \times 7 = 49$	$2 \times 5 = 10$	$5 \times 6 = 30$
$3 \times 3 = 9$	$8 \times 8 = 64$	$2 \times 6 = 12$	$5 \times 7 = 35$
$4 \times 4 = 16$	$9 \times 9 = 81$	$2 \times 7 = 14$	$5 \times 8 = 40$
$5 \times 5 = 25$	$2 \times 3 = 6$	$2 \times 8 = 16$	$5 \times 9 = 45$
$6 \times 6 = 36$	$2 \times 4 = 8$	$2 \times 9 = 18$	

Please do not forget to review the previous lists' facts as well (they might be incorporated on the quiz). Also, do not forget to switch up the order of the facts so your child is not stumped on the quiz if the question is posed in reverse order (example: study  $3 \times 7$  also as  $7 \times 3$ , so when we get to the 7's they won't have to relearn it). Again, it is important to learn these multiplication facts and we really appreciate your cooperation in advance. Keep this on your fridge for easy access.

Thank you,

## Third Grade Teachers

\*Note that since  $a \times b = b \times a$  (order doesn't matter and does not change the result), only part of the facts need to be memorized.

Ex: When you know  $5 \times 6 = 30$ , you know  $6 \times 5 = 30$  so that fact will not need to be repeated. Please make sure when drilling weekly facts that you switch up the order now and then.