

Multiplication Facts without Duplicates

$2 \times 2 = 4$	$3 \times 3 = 9$	$4 \times 4 = 16$
$2 \times 3 = 6$	$3 \times 4 = 12$	$4 \times 5 = 20$
$2 \times 4 = 8$	$3 \times 5 = 15$	$4 \times 6 = 24$
$2 \times 5 = 10$	$3 \times 6 = 18$	$4 \times 7 = 28$
$2 \times 6 = 12$	$3 \times 7 = 21$	$4 \times 8 = 32$
$2 \times 7 = 14$	$3 \times 8 = 24$	$4 \times 9 = 36$
$2 \times 8 = 16$	$3 \times 9 = 27$	$4 \times 10 = 40$
$2 \times 9 = 18$	$3 \times 10 = 30$	
$2 \times 10 = 20$		
$5 \times 5 = 25$	$6 \times 6 = 36$	$7 \times 7 = 49$
$5 \times 6 = 30$	$6 \times 7 = 42$	$7 \times 8 = 56$
$5 \times 7 = 35$	$6 \times 8 = 48$	$7 \times 9 = 63$
$5 \times 8 = 40$	$6 \times 9 = 54$	$7 \times 10 = 70$
$5 \times 9 = 45$	$6 \times 10 = 60$	
$5 \times 10 = 50$		
$8 \times 8 = 64$	$9 \times 9 = 81$	$10 \times 10 = 100$
$8 \times 9 = 72$	$9 \times 10 = 90$	
$8 \times 10 = 80$		

******Multiplication facts listed represent all multiplication facts 2-10 without duplicated facts.

****Commutative property of multiplication - changing the order of factors does not change the product($9 \times 3 = 3 \times 9$)**

****Zero Property of Multiplication - Any number multiplied by 0 always equals zero ($9 \times 0 = 0$)**

****Multiplicative Identity Property - Any number multiplied by 1 always equals the original number ($9 \times 1 = 9$)**