

Year 3	Block 3	Unit: Multiplication and Division A
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Key Vocabulary:

times tables	multiply by	divide by	array	fact families	regrouping
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What will I know by the end of this unit?

Equal groups:



There are 3 plates.

There are 5 strawberries on each plate.

There are 3 equal groups of 5

Sharing and grouping:

There are ten counters.



I am going to put the counters into groups of 2



Multiply and divide by 3:

$1 \times 3 = 3$	
$2 \times 3 = 6$	
$3 \times 3 = 9$	$3 \div 3 = 1$
$4 \times 3 = 12$	$6 \div 3 = 2$
$5 \times 3 = 15$	$9 \div 3 = 3$
$6 \times 3 = 18$	$12 \div 3 = 4$
$7 \times 3 = 21$	$15 \div 3 = 5$
$8 \times 3 = 24$	$18 \div 3 = 6$
$9 \times 3 = 27$	$21 \div 3 = 7$
$10 \times 3 = 30$	$24 \div 3 = 8$
$11 \times 3 = 33$	$27 \div 3 = 9$
$12 \times 3 = 36$	$30 \div 3 = 10$
	$33 \div 3 = 11$
	$36 \div 3 = 12$

Multiply and divide by 4:

$1 \times 4 = 4$	
$2 \times 4 = 8$	
$3 \times 4 = 12$	$4 \div 4 = 1$
$4 \times 4 = 16$	$8 \div 4 = 2$
$5 \times 4 = 20$	$12 \div 4 = 3$
$6 \times 4 = 24$	$16 \div 4 = 4$
$7 \times 4 = 28$	$20 \div 4 = 5$
$8 \times 4 = 32$	$24 \div 4 = 6$
$9 \times 4 = 36$	$28 \div 4 = 7$
$10 \times 4 = 40$	$32 \div 4 = 8$
$11 \times 4 = 44$	$36 \div 4 = 9$
$12 \times 4 = 48$	$40 \div 4 = 10$
	$44 \div 4 = 11$
	$48 \div 4 = 12$

Multiply and divide by 8:

$1 \times 8 = 8$	
$2 \times 8 = 16$	
$3 \times 8 = 24$	$8 \div 8 = 1$
$4 \times 8 = 32$	$16 \div 8 = 2$
$5 \times 8 = 40$	$24 \div 8 = 3$
$6 \times 8 = 48$	$32 \div 8 = 4$
$7 \times 8 = 56$	$40 \div 8 = 5$
$8 \times 8 = 64$	$48 \div 8 = 6$
$9 \times 8 = 72$	$56 \div 8 = 7$
$10 \times 8 = 80$	$64 \div 8 = 8$
$11 \times 8 = 88$	$72 \div 8 = 9$
$12 \times 8 = 96$	$80 \div 8 = 10$
	$88 \div 8 = 11$
	$96 \div 8 = 12$