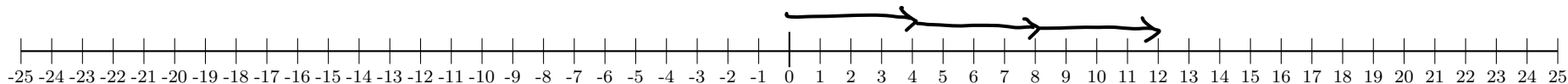
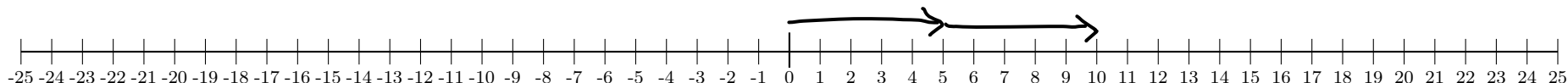


# Integer Multiplication and Division Fact Families, Part 1

Example



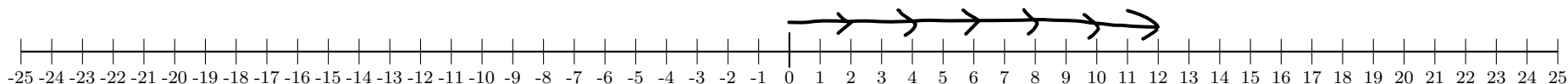
3 groups	4 per group	12 total	$3 \times 4 = 12$	$4 \times 3 = 12$	$12 \div 4 = 3$	$12 \div 3 = 4$
----------	-------------	----------	-------------------	-------------------	-----------------	-----------------



2 groups	5 per group	10 total	$2 \times 5 = 10$	$5 \times 2 = 10$	$10 \div 2 = 5$	$10 \div 5 = 2$
----------	-------------	----------	-------------------	-------------------	-----------------	-----------------



3 groups	8 per group	24 total	$3 \times 8 = 24$	$8 \times 3 = 24$	$24 \div 3 = 8$	$24 \div 8 = 3$
----------	-------------	----------	-------------------	-------------------	-----------------	-----------------

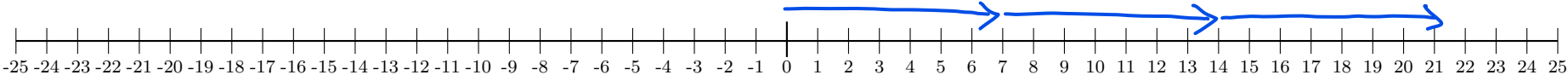


6 groups	2 per group	12 total	$6 \times 2 = 12$	$2 \times 6 = 12$	$12 \div 2 = 6$	$12 \div 6 = 2$
----------	-------------	----------	-------------------	-------------------	-----------------	-----------------

# Integer Multiplication and Division Fact Families, Part 1



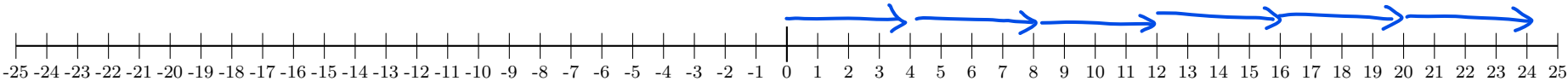
2 groups	5 per group	10 total	$2 \times 5 = 10$	$5 \times 2 = 10$	$10 \div 2 = 5$	$10 \div 5 = 2$
----------	-------------	----------	-------------------	-------------------	-----------------	-----------------



3 groups	7 per group	21 total	$3 \times 7 = 21$	$7 \times 3 = 21$	$21 \div 3 = 7$	$21 \div 7 = 3$
----------	-------------	----------	-------------------	-------------------	-----------------	-----------------



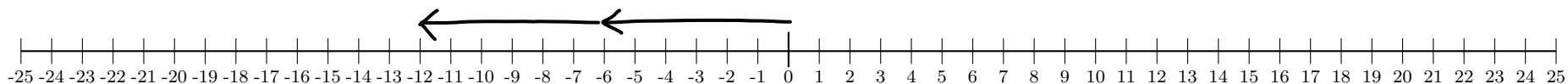
3 groups	6 per group	18 total	$3 \times 6 = 18$	$6 \times 3 = 18$	$18 \div 3 = 6$	$18 \div 6 = 3$
----------	-------------	----------	-------------------	-------------------	-----------------	-----------------



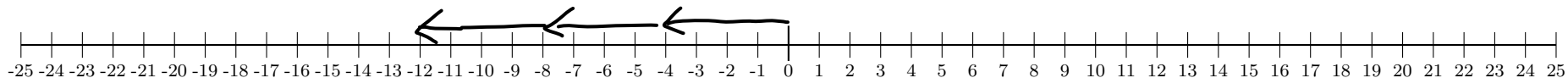
6 groups	4 per group	24 total	$6 \times 4 = 24$	$4 \times 6 = 24$	$24 \div 4 = 6$	$24 \div 6 = 4$
----------	-------------	----------	-------------------	-------------------	-----------------	-----------------

# Integer Multiplication and Division Fact Families, Part 1

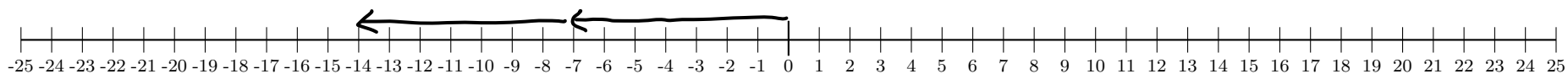
Example



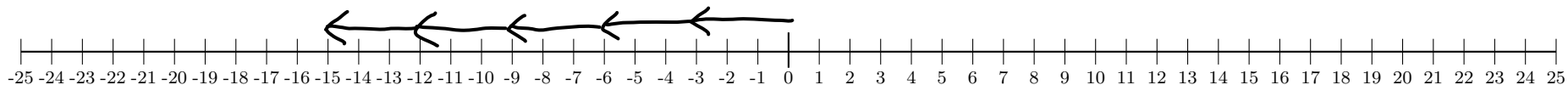
2 groups	-6 per group	-12 total	$2 \times -6 = -12$	$-6 \times 2 = -12$	$-12 \div 2 = -6$	$-12 \div -6 = 2$
----------	--------------	-----------	---------------------	---------------------	-------------------	-------------------



3 groups	-4 per group	-12 total	$3 \times -4 = -12$	$-4 \times 3 = -12$	$-12 \div 3 = -4$	$-12 \div -4 = 3$
----------	--------------	-----------	---------------------	---------------------	-------------------	-------------------

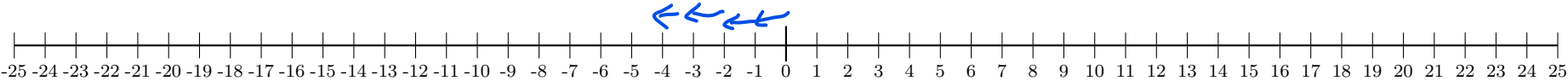


2 groups	-7 per group	-14 total	$2 \times -7 = -14$	$-7 \times 2 = -14$	$-14 \div 2 = -7$	$-14 \div -7 = 2$
----------	--------------	-----------	---------------------	---------------------	-------------------	-------------------

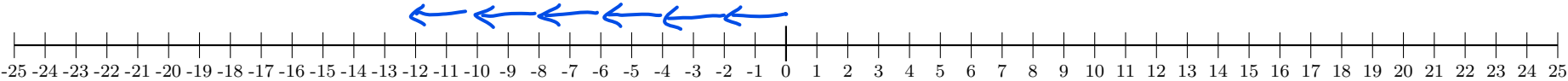


5 groups	-3 per group	-15 total	$5 \times -3 = -15$	$-3 \times 5 = -15$	$-15 \div 5 = -3$	$-15 \div -3 = 5$
----------	--------------	-----------	---------------------	---------------------	-------------------	-------------------

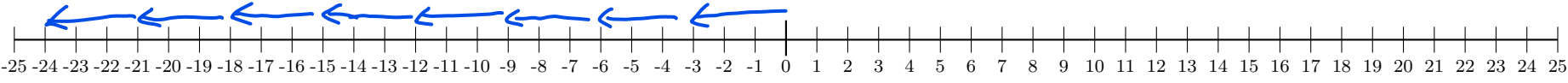
# Integer Multiplication and Division Fact Families, Part 1



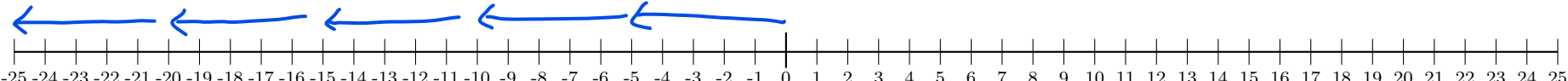
4 groups	-1 per group	-4 total	$4 \times -1 = -4$	$-1 \times 4 = -4$	$-4 \div 4 = -1$	$-4 \div -1 = 4$
----------	--------------	----------	--------------------	--------------------	------------------	------------------



6 groups	-2 per group	-12 total	$6 \times -2 = -12$	$-2 \times 6 = -12$	$-12 \div -2 = 6$	$-12 \div 6 = -2$
----------	--------------	-----------	---------------------	---------------------	-------------------	-------------------

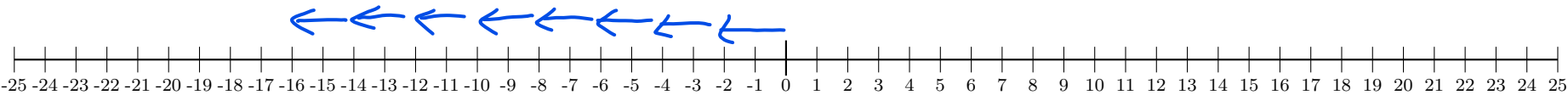


8 groups	-3 per group	-24 total	$8 \times -3 = -24$	$-3 \times 8 = -24$	$-24 \div 8 = -3$	$-24 \div -3 = 8$
----------	--------------	-----------	---------------------	---------------------	-------------------	-------------------



5 groups	-5 per group	-25 total	$5 \times -5 = -25$	$-5 \times 5 = -25$	$-25 \div 5 = -5$	$-25 \div -5 = 5$
----------	--------------	-----------	---------------------	---------------------	-------------------	-------------------

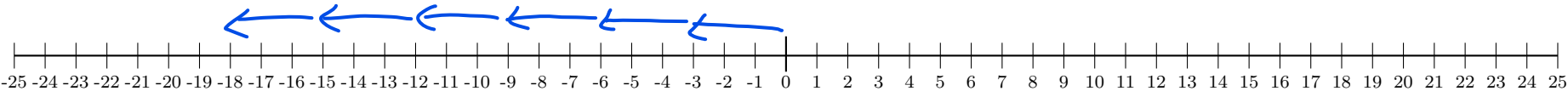
Integer Multiplication and Division Fact Families, Part 1



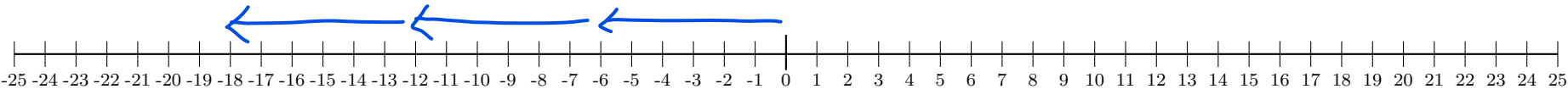
8 groups	-2 per group	16 total	$8 \times -2 = -16$	$-2 \times 8 = -16$	$-16 \div -2 = 8$	$-16 \div 8 = -2$
----------	--------------	----------	---------------------	---------------------	-------------------	-------------------



2 groups	-10 per group	-20 total	$2 \times -10 = -20$	$-10 \times 2 = -20$	$-20 \div 2 = -10$	$-20 \div -10 = 2$
----------	---------------	-----------	----------------------	----------------------	--------------------	--------------------

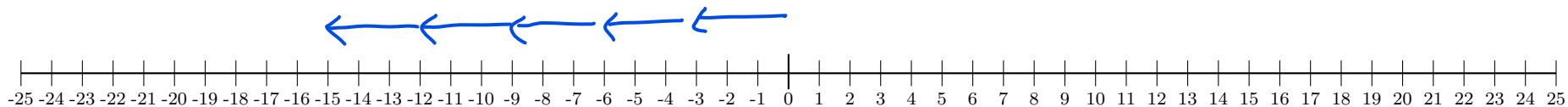


6 groups	-3 per group	-18 total	$6 \times -3 = -18$	$-3 \times 6 = -18$	$-18 \div -3 = 6$	$-18 \div 6 = -3$
----------	--------------	-----------	---------------------	---------------------	-------------------	-------------------

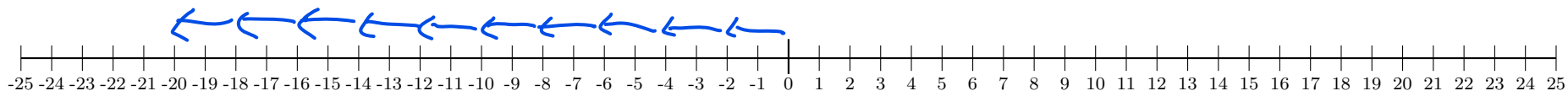


3 groups	-6 per group	-18 total	$3 \times -6 = -18$	$-6 \times 3 = -18$	$-18 \div 3 = -6$	$-18 \div -6 = 3$
----------	--------------	-----------	---------------------	---------------------	-------------------	-------------------

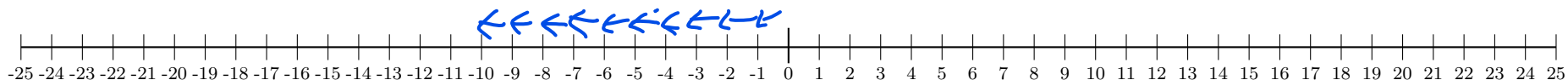
# Integer Multiplication and Division Fact Families, Part 1



5 groups	-3 per group	-15 total	$-3 \times 5 = -15$	$5 \times -3 = -15$	$-15 \div 5 = -3$	$-15 \div -3 = 5$
----------	--------------	-----------	---------------------	---------------------	-------------------	-------------------



10 groups	-2 per group	-20 total	$10 \times -2 = -20$	$-2 \times 10 = -20$	$-20 \div -2 = 10$	$-20 \div 10 = -2$
-----------	--------------	-----------	----------------------	----------------------	--------------------	--------------------

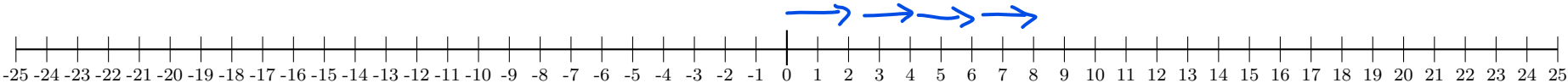


10 groups	-1 per group	-10 total	$-1 \times 10 = -10$	$10 \times -1 = -10$	$-10 \div -1 = 10$	$-10 \div 10 = -1$
-----------	--------------	-----------	----------------------	----------------------	--------------------	--------------------



11 groups	-2 per group	-22 total	$11 \times -2 = -22$	$-2 \times 11 = -22$	$22 \div 11 = 2$	$22 \div -2 = -11$
-----------	--------------	-----------	----------------------	----------------------	------------------	--------------------

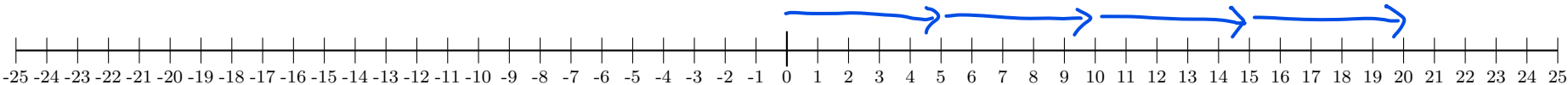
# Integer Multiplication and Division Fact Families, Part 1



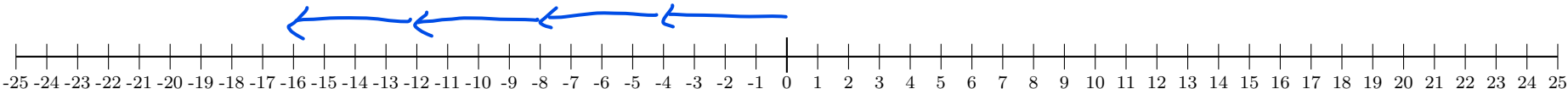
4 groups	2 per group	8 total	$4 \times 2 = 8$	$2 \times 4 = 8$	$8 \div 4 = 2$	$8 \div 2 = 4$
----------	-------------	---------	------------------	------------------	----------------	----------------



4 groups	-6 per group	-24 total	$4 \times -6 = -24$	$-6 \times 4 = -24$	$-24 \div 4 = -6$	$-24 \div -6 = 4$
----------	--------------	-----------	---------------------	---------------------	-------------------	-------------------



4 groups	5 per group	20 total	$4 \times 5 = 20$	$5 \times 4 = 20$	$20 \div 5 = 4$	$20 \div 4 = 5$
----------	-------------	----------	-------------------	-------------------	-----------------	-----------------



4 groups	-4 per group	-16 total	$4 \times -4 = -16$	$-4 \times 4 = -16$	$-16 \div 4 = -4$	$-16 \div -4 = 4$
----------	--------------	-----------	---------------------	---------------------	-------------------	-------------------

Integer Multiplication and Division Fact Families, Part 1

