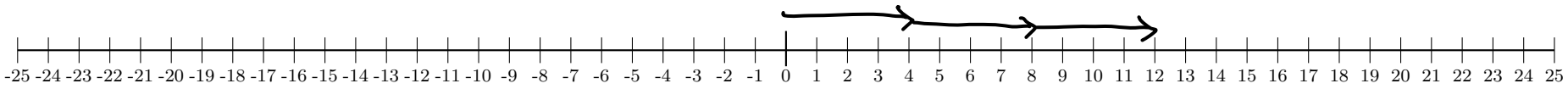
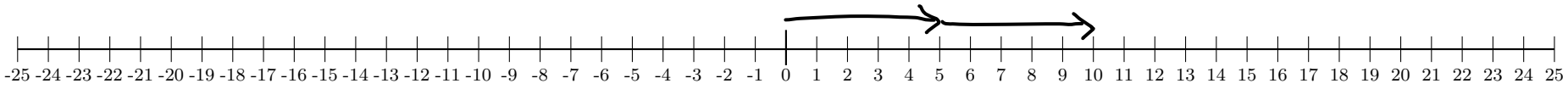
Integer Multiplication and Division Fact Families, Part 1

Example



3 groups	4 per group	12 total	3×4=12	4×3=12	12÷4=3	12÷3=4

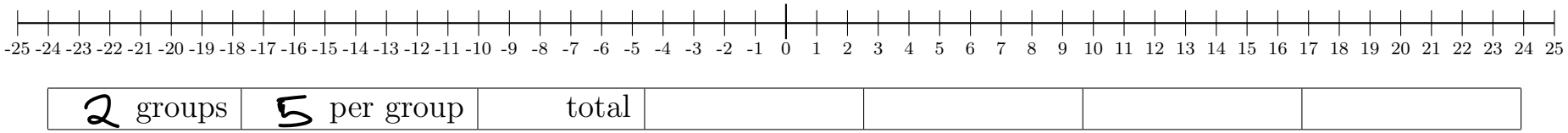


groups	per group	total				

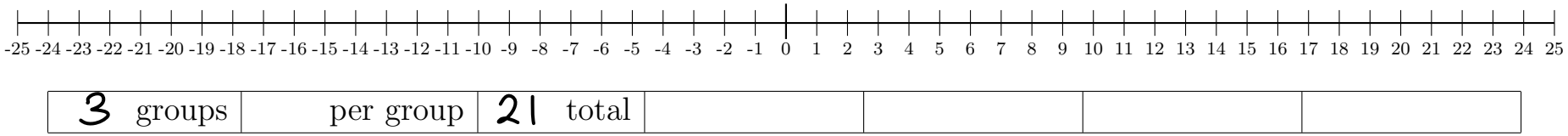
groups	per group	total				

groups	per group	total				

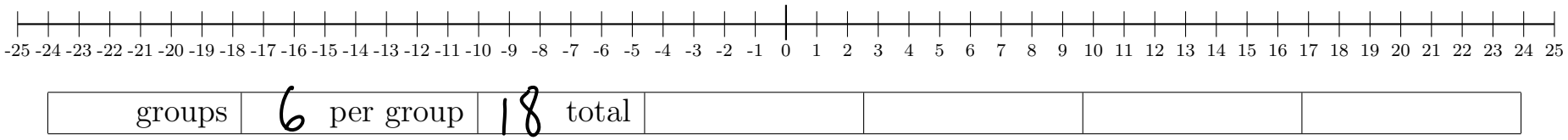
Integer Multiplication and Division Fact Families, Part 1



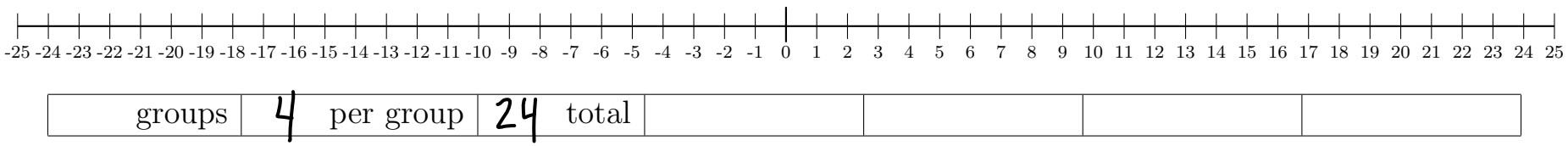
2 groups	5 per group	total				



3 groups	per group	21 total				



groups	6 per group	18 total				

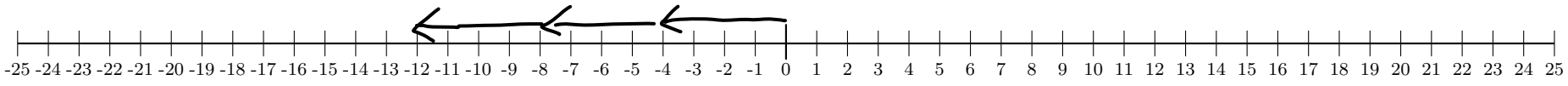


groups	4 per group	24 total				

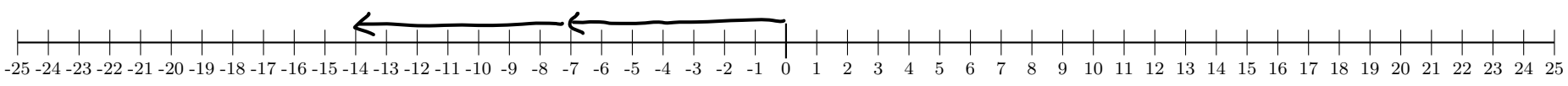
Integer Multiplication and Division Fact Families, Part 1

Example

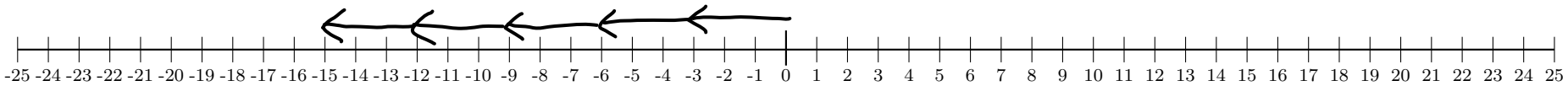
2 groups	−6 per group	−12 total	2 × -6 = -12	-6 × 2 = -12	-12 ÷ 2 = -6	-12 ÷ -6 = 2



groups	per group	total				

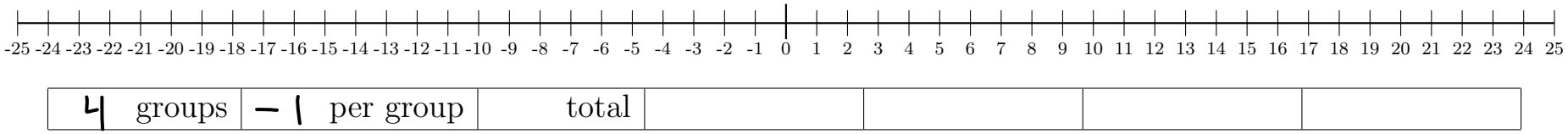


groups	per group	total				

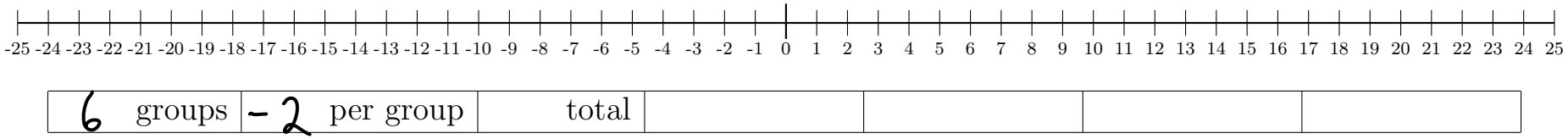


groups	per group	total				

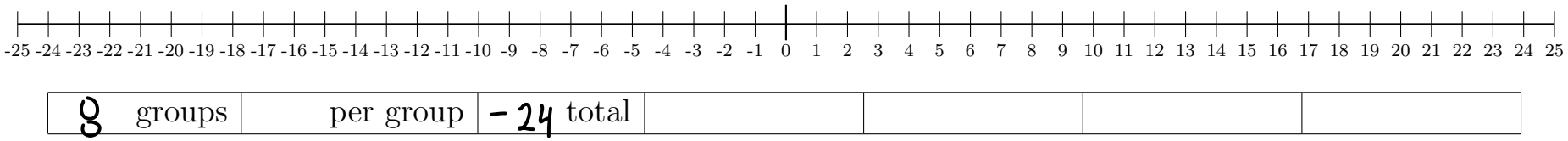
Integer Multiplication and Division Fact Families, Part 1



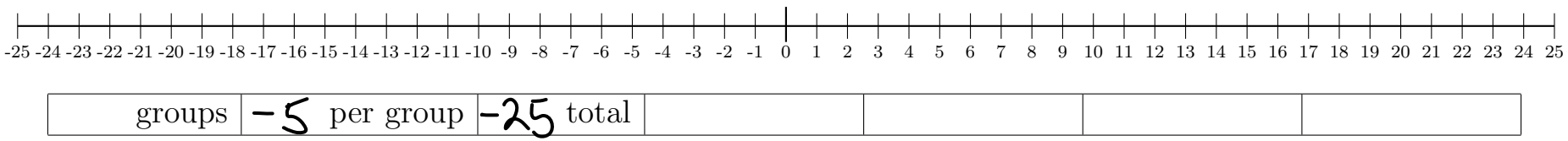
4 groups	−1 per group	total				



6 groups	−2 per group	total				

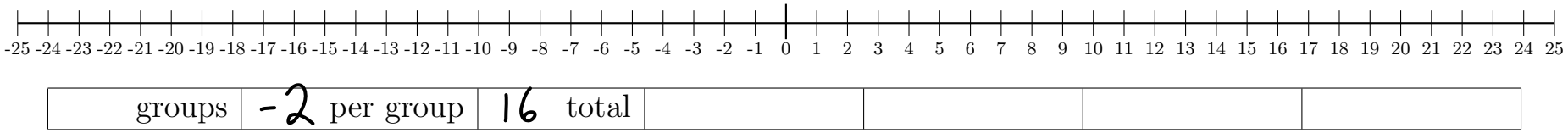


8 groups	per group	−24 total				

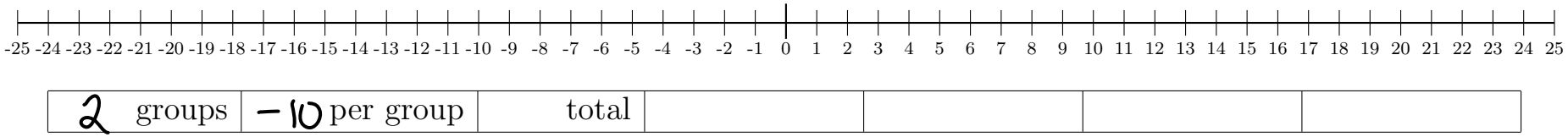


groups	−5 per group	−25 total				

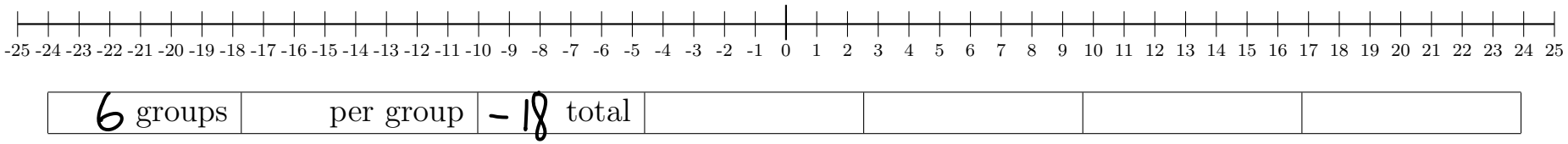
Integer Multiplication and Division Fact Families, Part 1



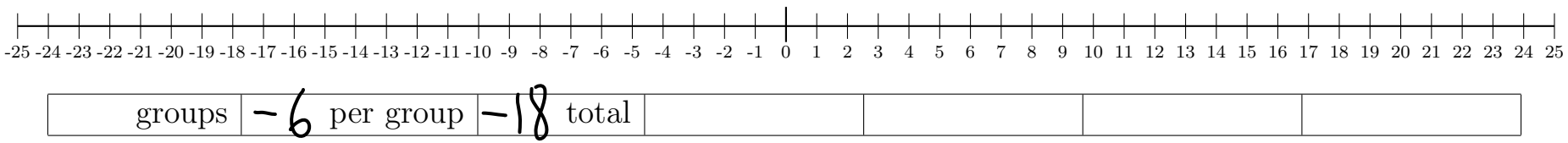
groups	-2 per group	16 total				



2 groups	-10 per group	total				

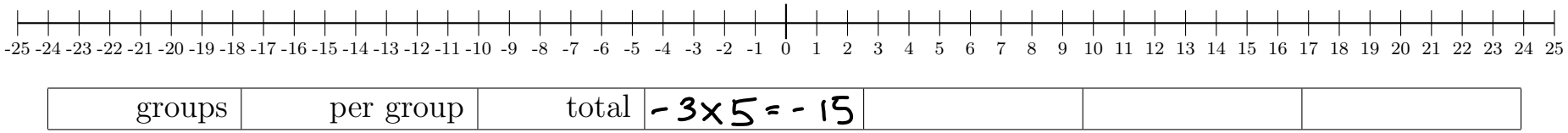


6 groups	per group	-18 total				

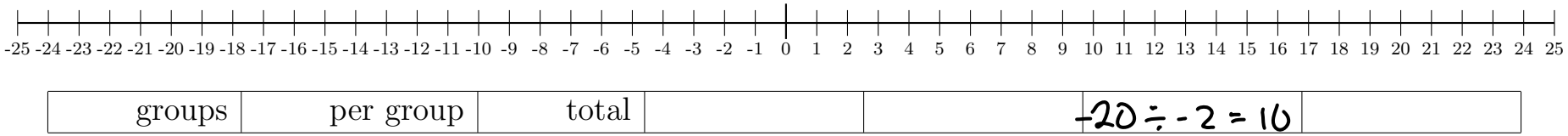


groups	-6 per group	-18 total				

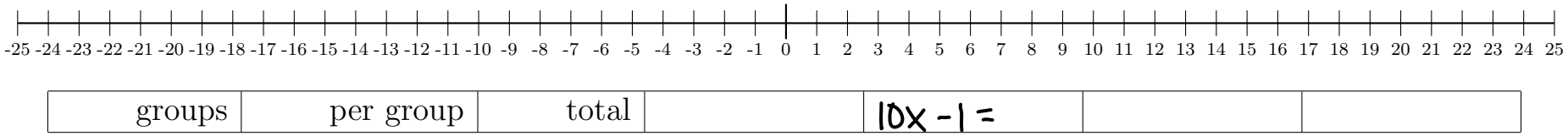
Integer Multiplication and Division Fact Families, Part 1



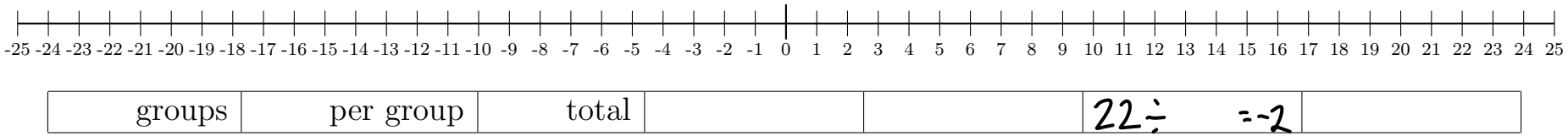
groups	per group	total	$-3 \times 5 = -15$			



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

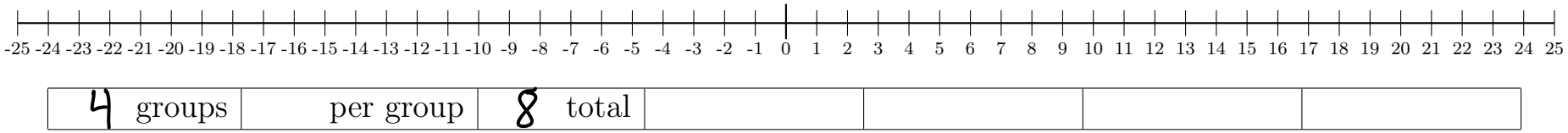


groups	per group	total		$10 \times -1 =$		

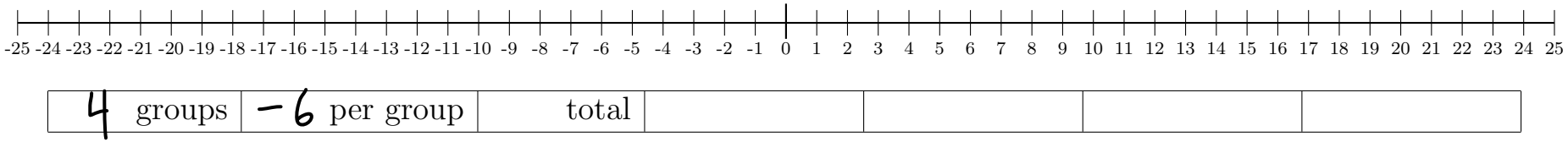


groups	per group	total			$22 \div \quad = -2$	

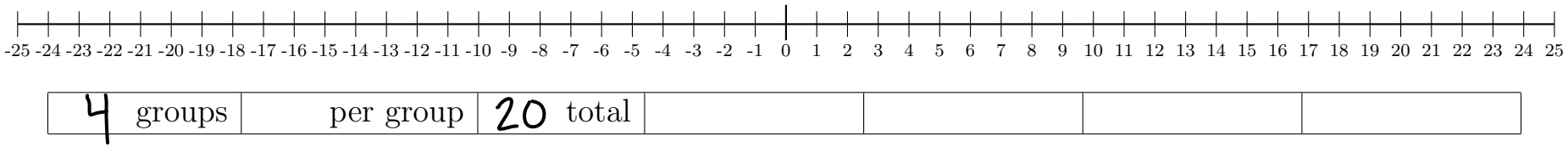
Integer Multiplication and Division Fact Families, Part 1



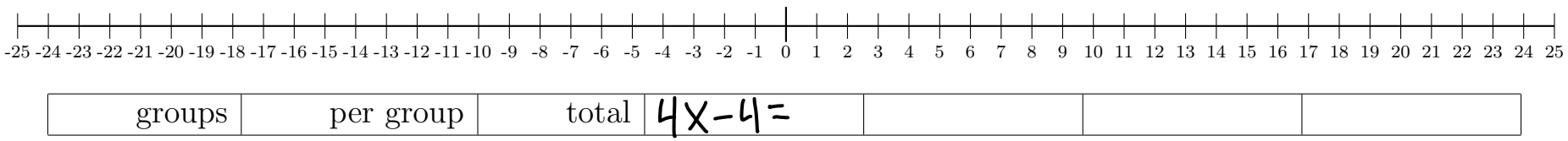
4 groups	per group	8 total				



4 groups	−6 per group	total				

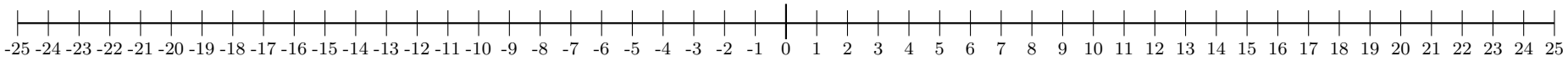


4 groups	per group	20 total				

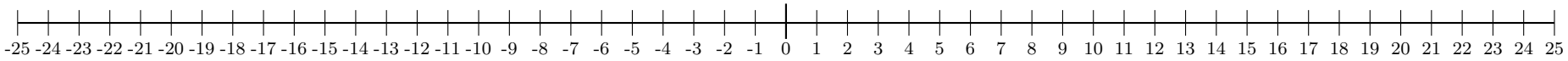


groups	per group	total	4X−4=			

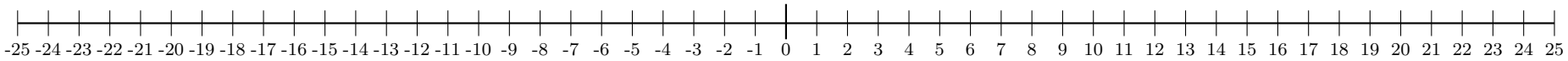
Integer Multiplication and Division Fact Families, Part 1



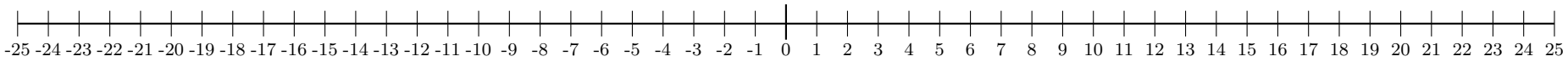
groups	per group	total			$20 \div 10 =$	



groups	per group	total			$\div -5 = 1$	



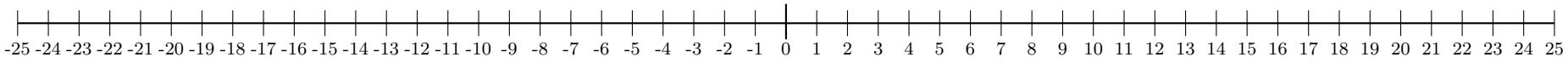
groups	per group	total			$\div 3 = -2$	



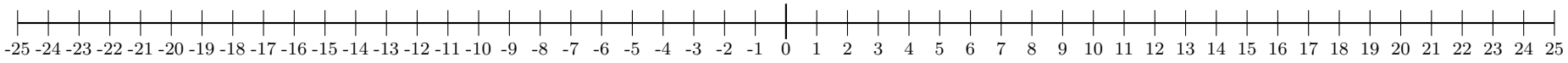
groups	per group	total		$\times 9 = 18$		

Integer Multiplication and Division Fact Families, Part 1

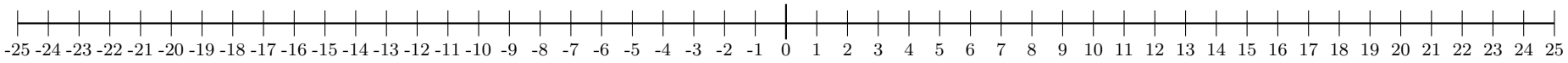
On the remaining pages, make a variety of your own diagrams and families.



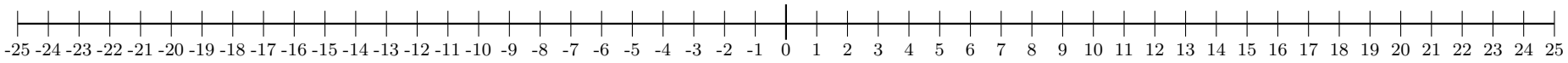
groups	per group	total				



groups	per group	total				

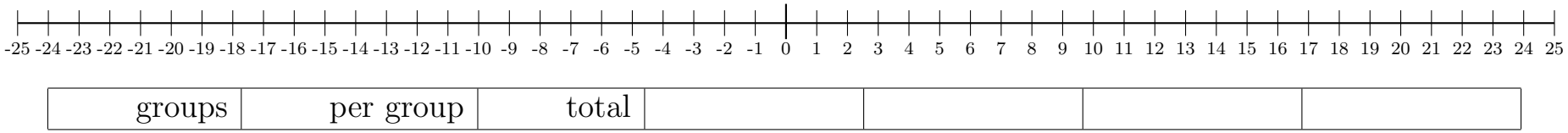


groups	per group	total				

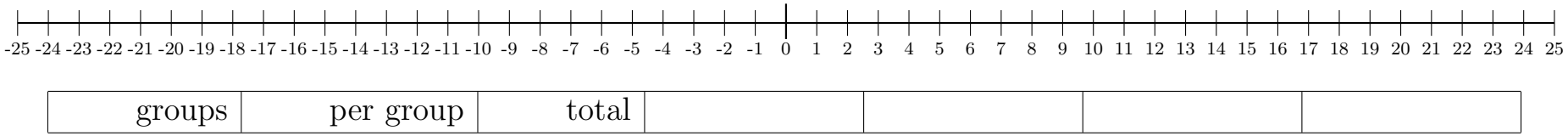


groups	per group	total				

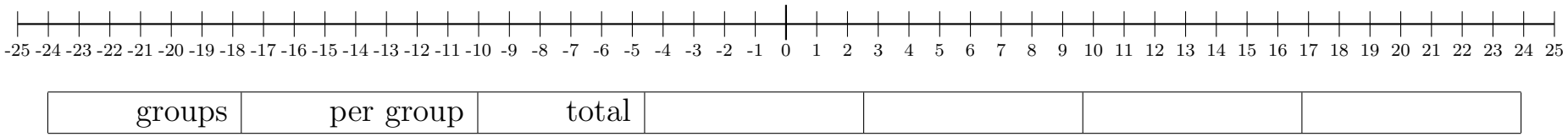
Integer Multiplication and Division Fact Families, Part 1



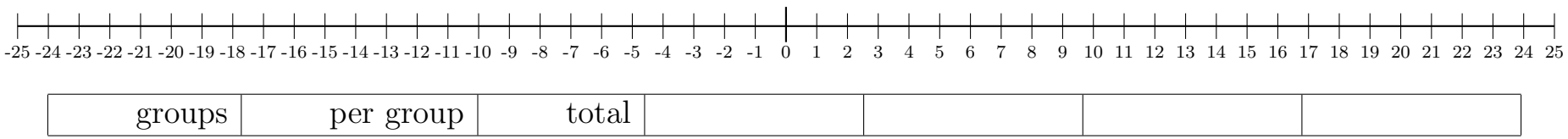
groups	per group	total				



groups	per group	total				



groups	per group	total				



groups	per group	total				