

## Compare Problem Types

What is the Unknown?		Example	Equation
Difference Unknown	How many More	Gabriel has 7 books. Nico has 2 books. How many more books does Gabriel have than Nico?	$7-2= \square$
	How many Fewer	Gabriel has 2 books. Nico has 9 books. How many fewer books does Gabriel have than Nico?	$9-2= \square$
Bigger Unknown	With More	Nico has 4 more pencils than Gabriel. Gabriel has 5 pencils. How many pencils does Nico have?	$4+5= \square$
	With Fewer	Gabriel has 7 fewer marbles than Nico. Gabriel has 3 marbles. How many marbles does Nico have?	$7+3= \square$ $3+7= \square$ or
Smaller Unknown	With More	Nico has 3 more crayons than Gabriel. Nico has 8 crayons. How many crayons does Gabriel have?	$\square+3=8$ or $8-3= \square$
	With Fewer	Gabriel has 4 fewer erasers than Nico. Nico has 9 erasers. How many erasers does Gabriel have?	$9-4= \square$

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## Separate Problem Types

What is the Unknown?	Example	Equation
Result Unknown	Gabriel had 9 books. He loses 6 books. How many books does he have now?	$9-6= \square$
Change Unknown	Nico had 8 crayons. He broke some crayons. Now he has 2 crayons. How many crayons did Nico break?	$8- \square =2$
Start Unknown	Victoria had some apples. She gave 3 the apples to her mom. Now, Victoria has 7 apples. How many apples did Victoria give to her mom?	$\square -3=7$

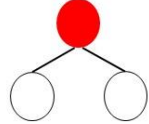
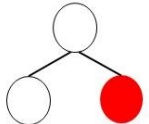
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## Join Problem Types

What is the Unknown?	Example	Equation
Result Unknown	Gabriel had 3 books. His parents give him 6 more books. How many books does he have now?	$3+6= \square$
Change Unknown	Nico had 4 crayons. His teacher gives him some more on the first day of school. Now he has 9 crayons. How many crayons did Nico get from his teacher?	$4+ \square =9$
Start Unknown	Victoria had some apples. Her mom give her 3 more apples during lunch. Now, Victoria has 7 apples. How many apples did Victoria get from her mom?	$\square +3=7$

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## Part-Part Whole Problem Types

What is the Unknown?	Example	Equation
Whole Unknown 	There are 3 blue crayons and 5 red crayons on the table. How many crayons in all on the table?	$3+5= \square$ or $5+3= \square$
Part Unknown 	There are 9 bikes outside. 2 are blue and the rest are red. How many red bikes are outside?	$9-2= \square$ or $2+ \square =9$

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