



Adding and taking away on a number line

Draw a line from each number line to its sentence.



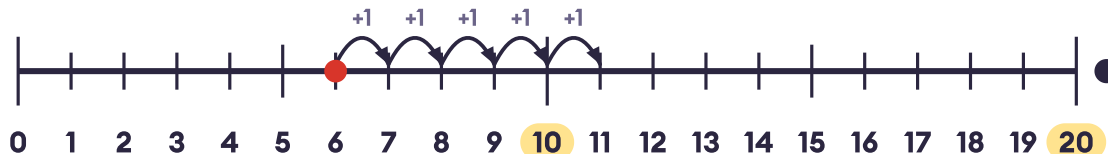
The boy jumps forward to add.



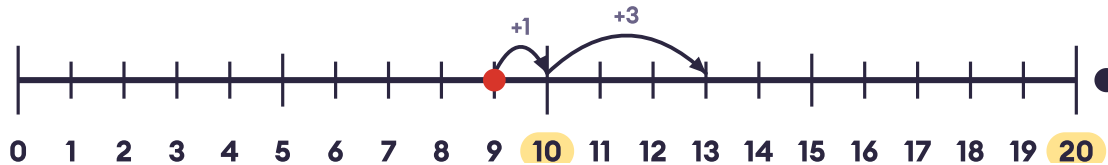
The bunny jumps back to take away.



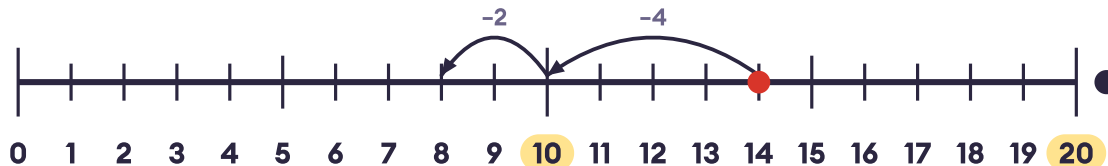
Color the boy and the bunny.



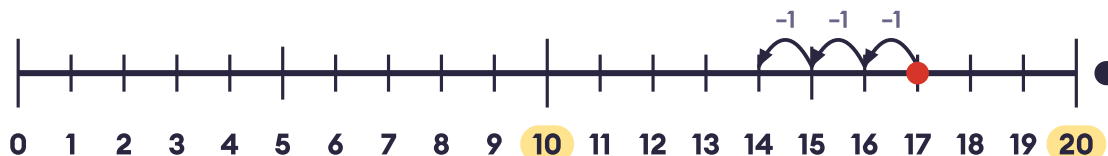
● $14 - 6 = 8$



● $6 + 5 = 11$



● $17 - 3 = 14$



● $9 + 4 = 13$



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Color by answer: add and take away within 10 Use the number line when you need it.



$6 - 3$	$5 - 2$	$3 - 1$	$5 - 3$	$7 - 5$	$9 - 7$	$7 - 5$	$5 + 3$	$4 + 4$	$7 - 5$
$2 + 1$	$10 - 7$	$5 - 3$	$4 - 2$	$8 + 2$	$7 + 3$	$4 - 2$	$4 + 4$	$5 + 3$	$4 + 4$
$10 - 8$	$9 - 7$	$7 - 5$	$7 + 3$	$6 + 4$	$8 + 2$	$7 + 3$	$3 - 1$	$1 + 1$	$9 - 7$
$4 - 2$	$7 - 5$	$1 + 1$	$8 + 2$	$7 + 3$	$6 + 4$	$8 + 2$	$9 - 7$	$5 - 3$	$10 - 8$
$3 - 1$	$1 + 1$	$10 - 8$	$1 + 1$	$8 - 4$	$2 + 2$	$5 - 3$	$1 + 1$	$3 - 1$	$9 - 7$
$10 - 8$	$8 + 2$	$5 + 5$	$6 + 4$	$1 + 3$	$7 - 3$	$5 + 5$	$6 + 4$	$5 + 5$	$4 - 2$
$5 + 5$	$7 + 3$	$6 + 4$	$7 + 3$	$5 + 5$	$6 + 4$	$8 + 2$	$5 + 5$	$7 + 3$	$6 + 4$

Answer and crayon



2 blue



10 green



4 brown



3 yellow



8 white: leave it blank



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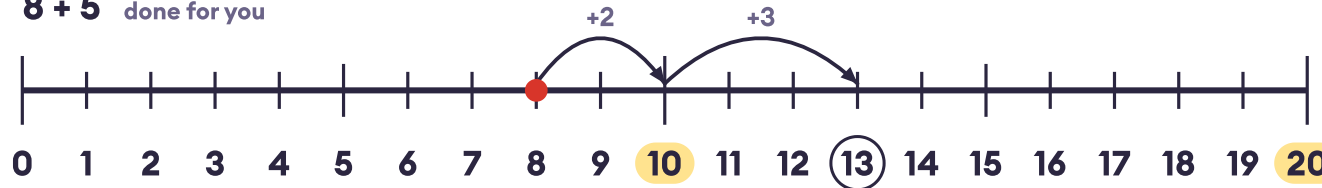




Jump to 10 to add

Jump to 10 first. Then jump the rest.

$8 + 5$ done for you



$8 + 2 = 10.$

$10 + 3 = 13.$

$7 + 6$



$7 + \boxed{} = 10.$

$10 + \boxed{} = \boxed{}.$

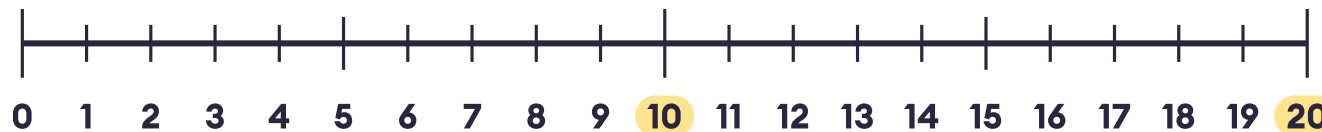
$9 + 5$



$9 + \boxed{} = 10.$

$10 + \boxed{} = \boxed{}.$

$6 + 8$ Start on the bigger number.



$8 + \boxed{} = 10.$

$10 + \boxed{} = \boxed{}.$



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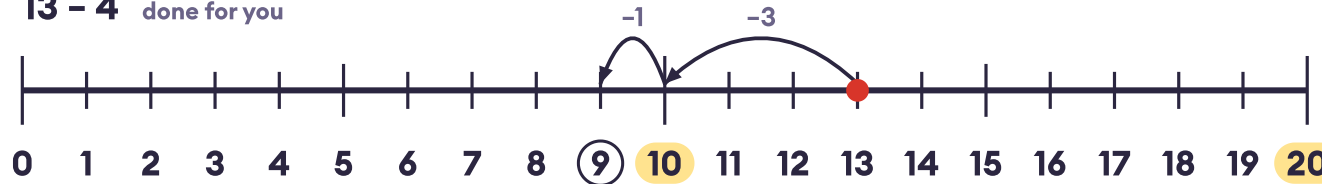




Jump to 10 to take away

Jump back to 10 first. Then jump back the rest.

$13 - 4$ done for you



$13 - 3 = 10.$

$10 - 1 = 9.$

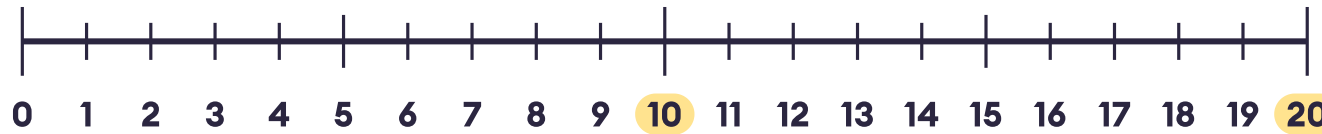
$15 - 7$



$15 - \boxed{} = 10.$

$10 - \boxed{} = \boxed{}.$

$12 - 5$



$12 - \boxed{} = 10.$

$10 - \boxed{} = \boxed{}.$

$16 - 7$



$16 - \boxed{} = 10.$

$10 - \boxed{} = \boxed{}.$



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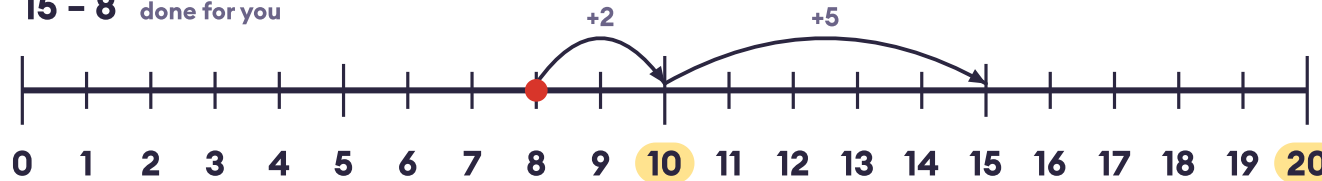




How far apart? Count up

Start on the smaller number. Add up the jumps.

$15 - 8$ done for you



$2 + 5 = 7,$

so $15 - 8 = 7.$

$13 - 7$



+ = ,

so $13 - 7 =$

$14 - 9$



+ = ,

so $14 - 9 =$

$17 - 8$



+ = ,

so $17 - 8 =$



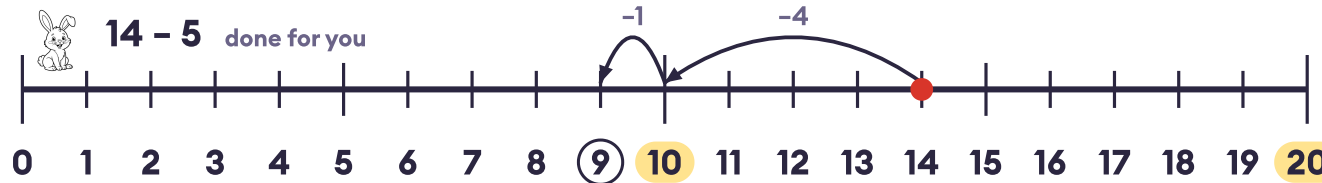
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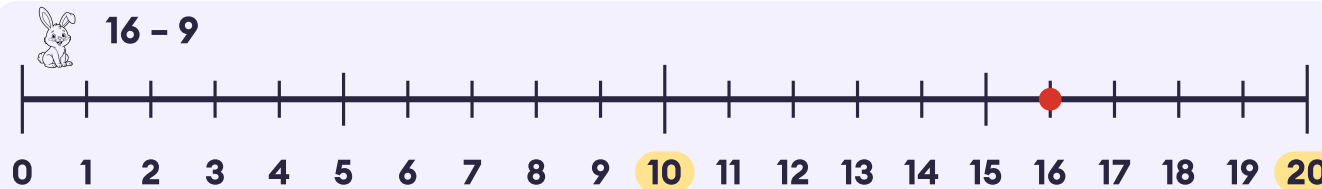


Jump back or count up? Bunny: take away. How far? Count up.



$14 - 4 = 10.$

$10 - 1 = 9.$



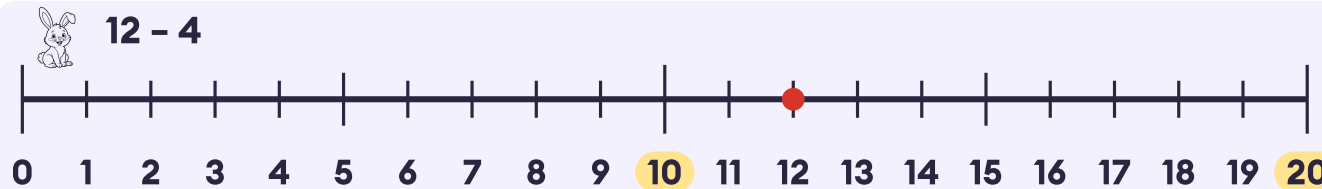
$16 - \boxed{} = 10.$

$10 - \boxed{} = \boxed{}.$



$\boxed{} + \boxed{} = \boxed{},$

$\text{so } 11 - 7 = \boxed{}$



$12 - \boxed{} = 10.$

$10 - \boxed{} = \boxed{}.$



$\boxed{} + \boxed{} = \boxed{},$

$\text{so } 18 - 9 = \boxed{}$



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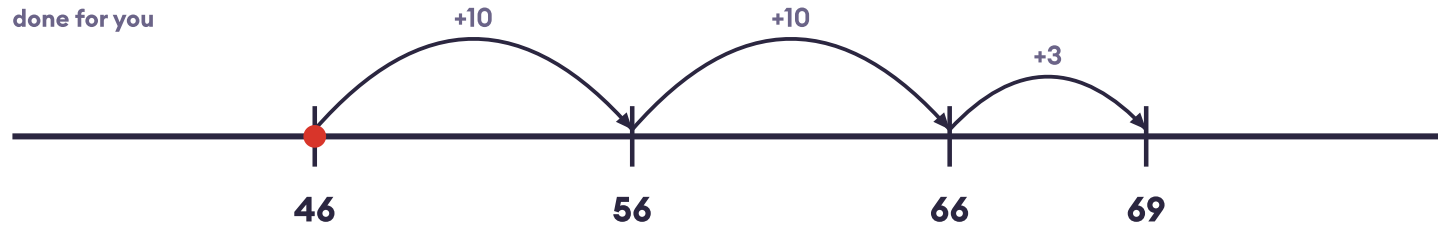




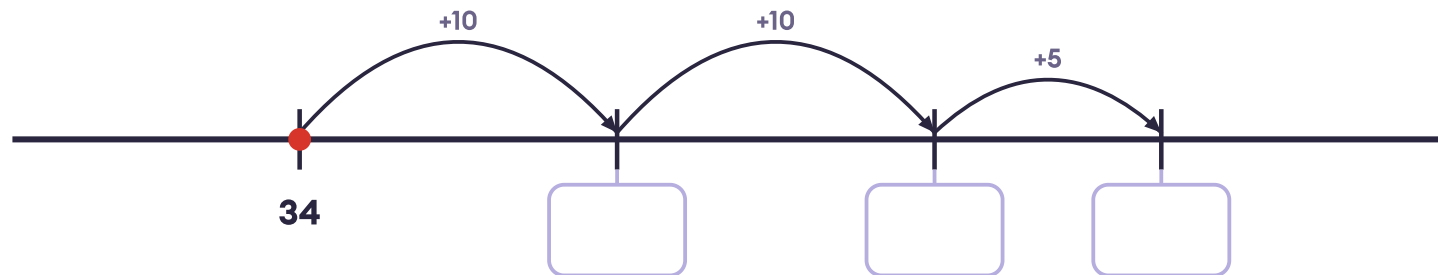
Open number line: add the tens, then the ones

Tens first, then the ones.

done for you



$$46 + 23 = 69$$



$$34 + 25 =$$



$$71 + 18 =$$



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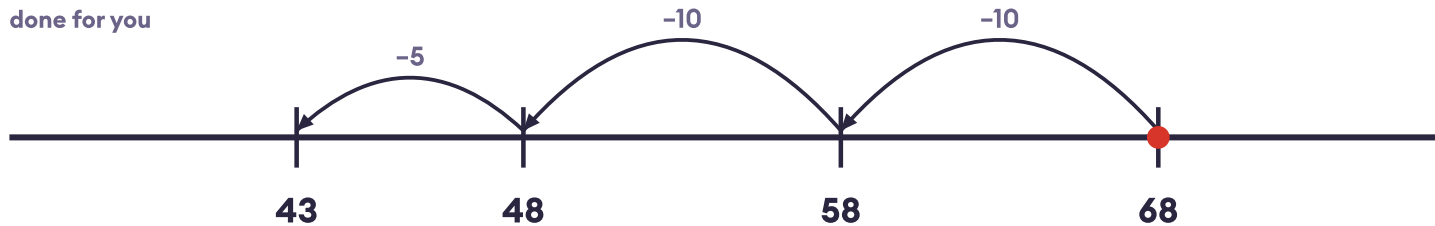




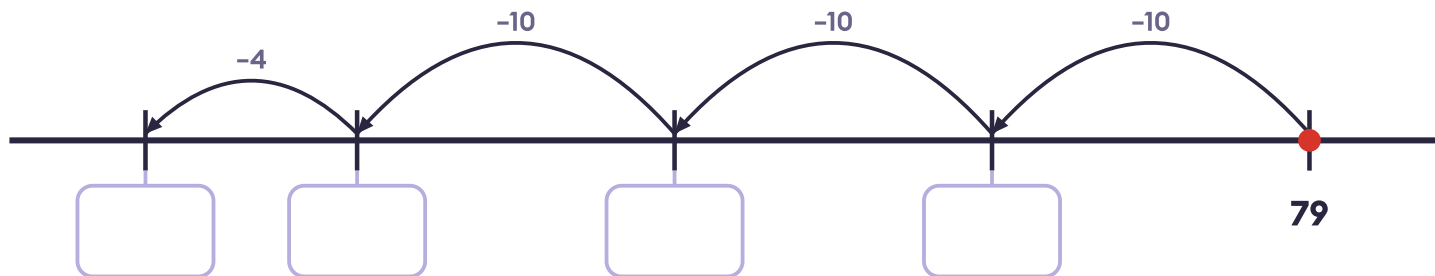
Open number line: jump back or count up

Close numbers? Count up.

done for you



$$68 - 25 = 43$$



$$79 - 34 = \boxed{}$$

$$43 - 38$$

Count up from 38.



jumps: $\boxed{} + \boxed{} = \boxed{}$

so $43 - 38 = \boxed{}$



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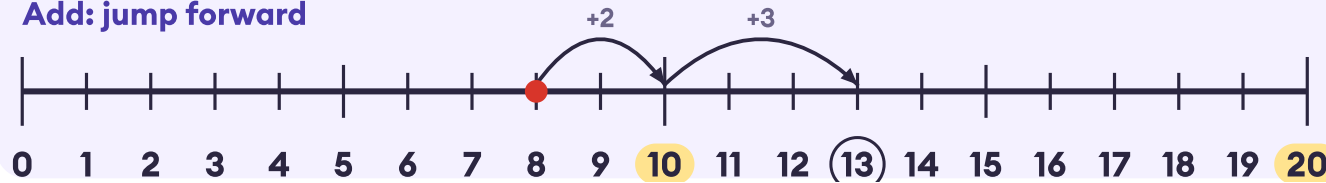




Three ways to jump

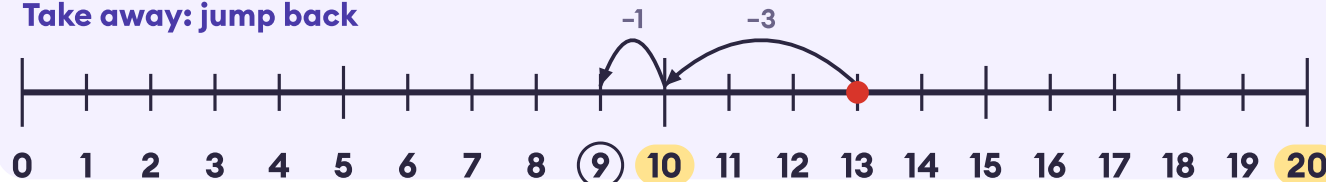
Keep this page on the fridge.

Add: jump forward



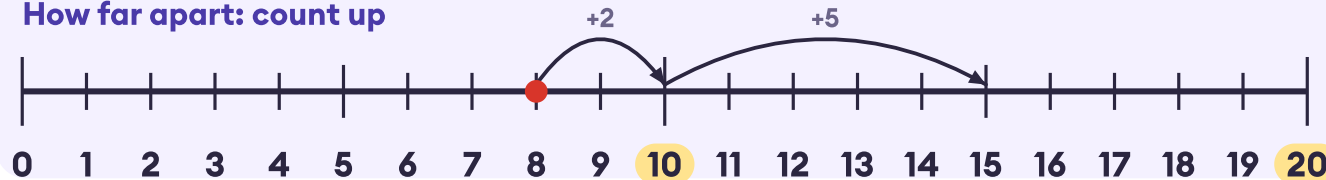
$$\begin{aligned} 8 + 2 &= 10 \\ 10 + 3 &= 13 \\ 8 + 5 &= 13 \end{aligned}$$

Take away: jump back



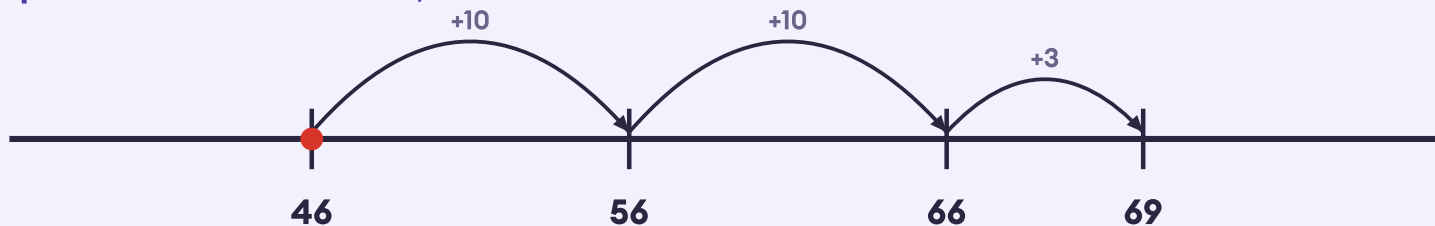
$$\begin{aligned} 13 - 3 &= 10 \\ 10 - 1 &= 9 \\ 13 - 4 &= 9 \end{aligned}$$

How far apart: count up



$$\begin{aligned} 2 + 5 &= 7 \\ \text{so } 15 - 8 &= 7 \end{aligned}$$

Open number line: tens first, then the ones



$$46 + 23 = 69$$



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Answer key Check your work.

Page 1 • Adding and taking away on a number line

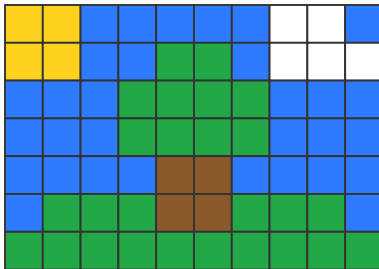
$$6 + 5 = 11$$

$$9 + 4 = 13$$

$$14 - 6 = 8$$

$$17 - 3 = 14$$

Page 2 • Color by answer: add and take away within 10



2 = blue, 10 = green, 4 = brown,
3 = yellow, 8 = leave white

Page 3 • Jump to 10 to add

$$7 + 6: 7 + 3 = 10, 10 + 3 = 13$$

$$9 + 5: 9 + 1 = 10, 10 + 4 = 14$$

$$6 + 8: 8 + 2 = 10, 10 + 4 = 14$$

$$\text{or } 6 + 4 = 10, 10 + 4 = 14$$

Page 4 • Jump to 10 to take away

$$15 - 7: 15 - 5 = 10, 10 - 2 = 8$$

$$12 - 5: 12 - 2 = 10, 10 - 3 = 7$$

$$16 - 7: 16 - 6 = 10, 10 - 1 = 9$$

Page 5 • How far apart? Count up

$$13 - 7: 3 + 3 = 6, \text{ so } 13 - 7 = 6$$

$$14 - 9: 1 + 4 = 5, \text{ so } 14 - 9 = 5$$

$$17 - 8: 2 + 7 = 9, \text{ so } 17 - 8 = 9$$

Page 6 • Jump back or count up?

$$16 - 9: 16 - 6 = 10, 10 - 3 = 7$$

$$11 - 7: 3 + 1 = 4, \text{ so } 11 - 7 = 4$$

$$12 - 4: 12 - 2 = 10, 10 - 2 = 8$$

$$18 - 9: 1 + 8 = 9, \text{ so } 18 - 9 = 9$$

Page 7 • Open number line: add the tens, then the ones

$$34 + 25: 44, 54, 59$$

$$34 + 25 = 59$$

$$71 + 18: 81, 89$$

$$71 + 18 = 89$$

Page 8 • Open number line: jump back or count up

$$79 - 34: 69, 59, 49, 45$$

$$79 - 34 = 45$$

$$43 - 38: 2 + 3 = 5, \text{ so } 43 - 38 = 5$$



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