

# I know... so...

●	●	●	●	
●	●	●	●	

$4 + 4 = 8$   
so  $5 + 4 = \square$

●	●	●		
●	●	●		

$3 + 3 = 6$   
so  $3 + \square = 5$

●	●	●	●	
●	●	●	●	

$4 + 4 = 8$   
so  $3 + 4 = \square$

●	●	●	●	●
●	●	●	●	●

$5 + 5 = 10$   
so  $5 + 3 = \square$

●	●	●	●	●
●	●	●	●	●

$5 + 5 = 10$   
so  $6 + 5 = \square$

●	●	●		
●	●	●		

$3 + 3 = 6$   
so  $4 + 2 = \square$

# I know... so...

●	●	●	●	●	●	●			
●	●	●	●	●	●	●			

$7 + 7 = 14$   
so  $8 + 7 = \square$

●	●	●	●	●	●				
●	●	●	●	●	●				

$6 + 6 = 12$   
so  $6 + \square = 11$

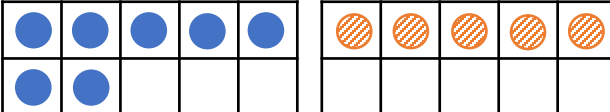
●	●	●	●	●	●	●	●		
●	●	●	●	●	●	●	●		

$8 + 8 = 16$   
so  $9 + 8 = \square$

●	●	●	●	●	●				
●	●	●	●	●	●				

$6 + 6 = 12$   
so  $7 + 5 = \square$

## Different Ways

$7 + 5 = \square$ 


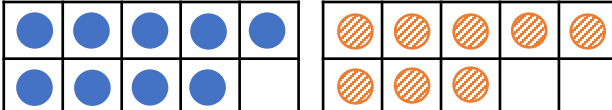
***7 + 5 is the same as:***

$5 + 5 + \square$

$7 + 3 + \square$

$6 + \square$

## Different Ways

$9 + 8 = \square$ 


***9 + 8 is the same as:***

$10 + 10 \text{ take away } \square$

$\text{Double } \square \text{ add } 1$

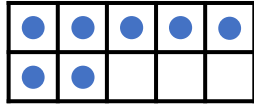
$\text{Double } \square \text{ take away } 1$

Other: \_\_\_\_\_

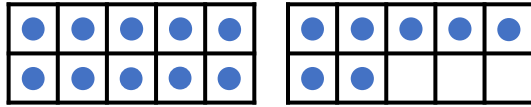
\_\_\_\_\_

## Small Difference Questions

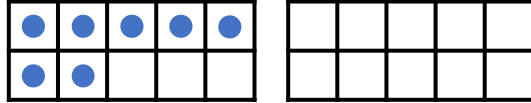
$7 + \square = 10$



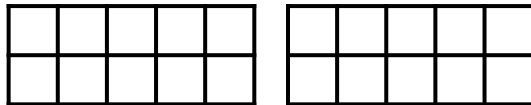
$17 + \square = 20$



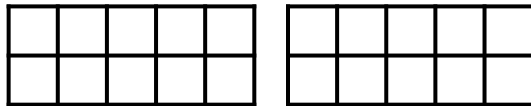
$7 + \square = 20$



$6 + \square = 20$

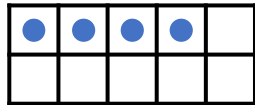


$16 + \square = 20$

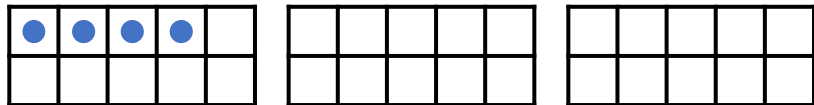


## Small Difference Questions

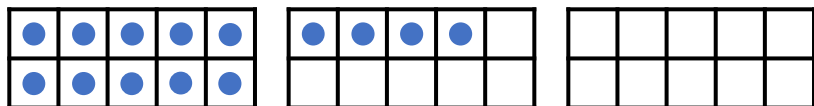
$4 + \square = 10$



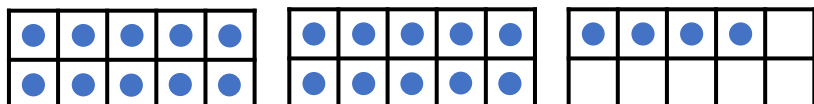
$4 + \square = 30$



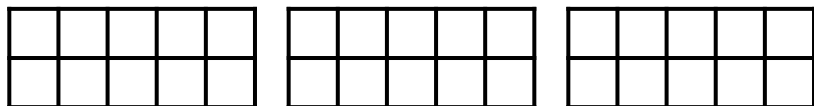
$14 + \square = 30$



$24 + \square = 30$



$\square + \square = 30$



## I know... so...

$22 + 6 = 28$

$17 + 3 = 20$

$15 + 15 = 30$

$12 + 16 = \square$

$\square + 3 = 30$

$16 + \square = 30$

$14 + 16 = \square$

$\square + 13 = 30$

$16 + \square = 40$

# Finish the Pictures

$9 + 5 = \boxed{14}$

$9 + \boxed{1} + \boxed{4}$

$8 + 7 = \boxed{\phantom{00}}$

$8 + \boxed{\phantom{00}} + \boxed{\phantom{00}}$

$7 + 4 = \boxed{\phantom{00}}$

$7 + \boxed{\phantom{00}} + \boxed{\phantom{00}}$

$9 + 3 = \boxed{\phantom{00}}$

$9 + \boxed{\phantom{00}} + \boxed{\phantom{00}}$

$7 + 6 = \boxed{\phantom{00}}$

$7 + \boxed{\phantom{00}} + \boxed{\phantom{00}}$

$8 + 5 = \boxed{\phantom{00}}$

$8 + \boxed{\phantom{00}} + \boxed{\phantom{00}}$

To do the calculation... I split... into parts of... and...

## Different Pictures

Finish the pictures:

Calculation	10-Frame Picture	Number Line Picture
$9 + 6 =$		
$8 + 4 =$		
$7 + 5 =$		

# Finish the Pictures

$8 + 5 = \square$

$8 + \square = 10$

$7 + 5 = \square$

$7 + \square = 10$

$8 + 6 = \square$

$8 + \square = 10$

## Small Difference Questions

$5 + 5 =$

$10 + 6 =$

$7 + 7 =$

$9 + 6 =$

$8 + 7 =$

$9 + 5 =$

$7 + 8 =$

$6 + 5 =$

$8 + 9 =$

$7 + 6 =$

## Small Difference Questions

$6 + 4 =$

$4 + 4 =$

$6 + 6 =$

$8 + 8 =$

$7 + 5 =$

$8 + 7 =$

$17 + 5 =$

$9 + 6 =$

$5 + 17 =$

$9 + 16 =$

## Small Difference Questions

$20 + 10 =$

$14 + 14 =$

$20 + 9 =$

$15 + 15 =$

$18 + 9 =$

$16 + 14 =$

$19 + 8 =$

$6 + 24 =$

$29 + 8 =$

$8 + 24 =$

## Change the Order

Which numbers do you add first?

$$9 + 6 + 4 = \square$$

Add  $\square + \square$  first

$$7 + 6 + 3 = \square$$

Add  $\square + \square$  first

$$4 + 8 + 2 + 6 = \square$$

Add  $\square + \square$  first

$$8 + 5 + 3 = \square$$

Add  $\square + \square$  first

I know... so...

$$36 + 20 = 56$$

$$36 + 23 = \square$$

$$36 + 20 = 56$$

$$36 + \square = 55$$

$$43 + 30 = 73$$

$$43 + 29 = \square$$

$$43 + 30 = 73$$

$$43 + \square = 75$$

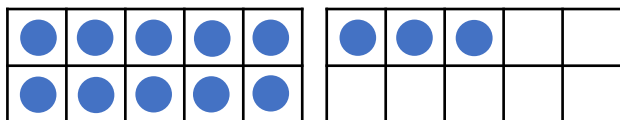
$$20 + 14 = 34$$

$$19 + 15 = \square$$

$$30 + 16 = 46$$

$$29 + \square = 46$$

## Different Ways

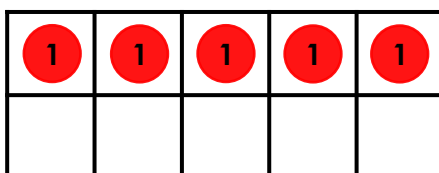
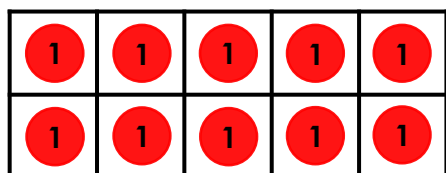


$$13 - 9 =$$

Take all 9 from the full 10-frame

Take some from both 10-frames

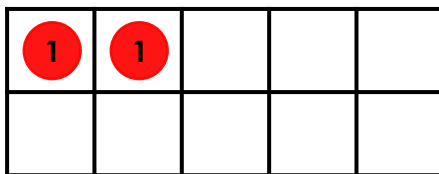
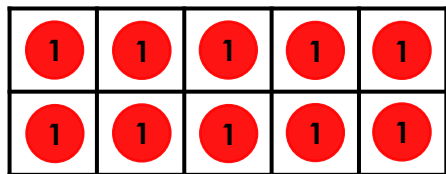
## Different Ways



$$15 - 8 = \square$$

**Method A:** Subtract eight 1s from the left 10-frame

**Method B:** Subtract some 1s from both 10-frames



$$12 - 5 = \square$$

**Method A:** Subtract five 1s from the left 10-frame

**Method B:** Subtract some 1s from both 10-frames

## Small Difference Questions

$$10 - 2 =$$

$$10 - 7 =$$

$$10 - 8 =$$

$$9 - 6 =$$

$$9 - 7 =$$

$$8 - 5 =$$

$$8 - 6 =$$

$$8 - 3 =$$

$$9 - 5 =$$

$$7 - 3 =$$