

# Student Recording Sheet: Plastic Sleeve Inserts

**Addition and subtraction using  
double-nine dot dominoes**

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Mathematics Consultant K-8

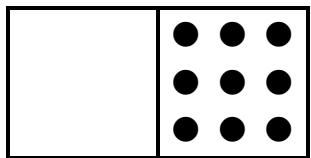
**Anita Chin Mathematics Consultancy**

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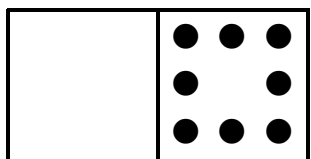
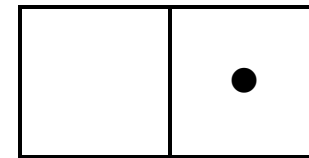
**W** [www.mathsconsultant.com.au](http://www.mathsconsultant.com.au)

FRIENDS OF TEN: Draw the missing 'dots' ('spots' or 'pips') on each domino for the number fact given.



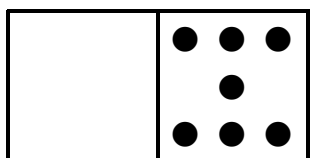
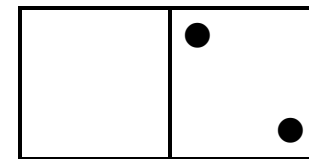
$$10 = 1 + 9$$

$$9 + 1 = 10$$



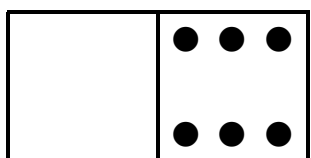
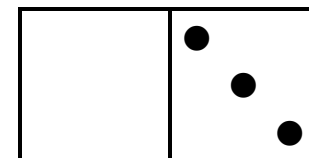
$$10 = 2 + 8$$

$$8 + 2 = 10$$



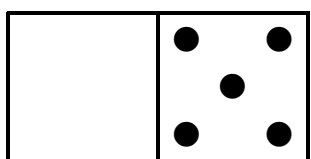
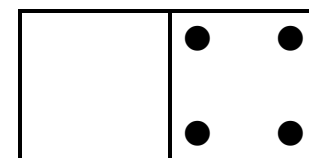
$$10 = 3 + 7$$

$$7 + 3 = 10$$



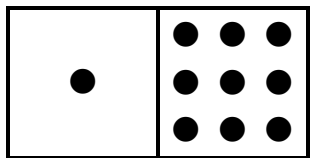
$$10 = 4 + 6$$

$$6 + 4 = 10$$



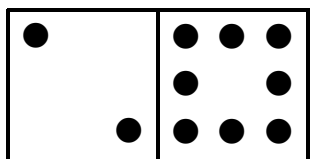
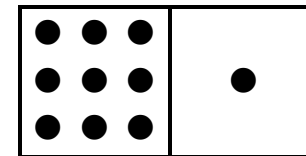
$$10 = 5 + 5$$

FRIENDS OF TEN: Complete the addition fact for each domino.



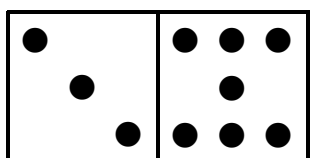
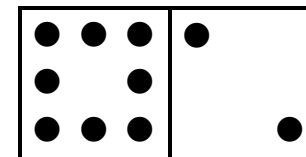
$$10 = \square + 9$$

$$\square + \square = 10$$



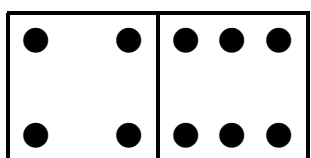
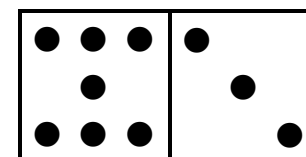
$$10 = 2 + \square$$

$$8 + \square = \square$$



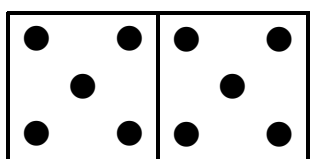
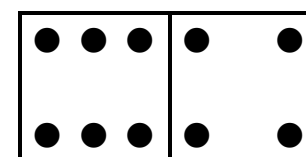
$$10 = \square + 7$$

$$\square + 3 = \square$$



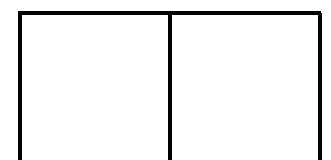
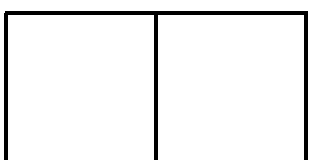
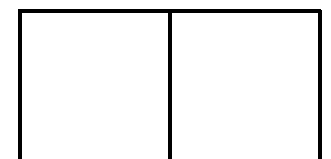
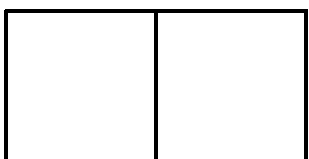
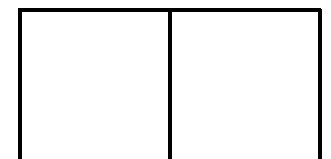
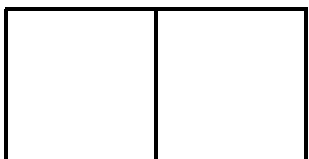
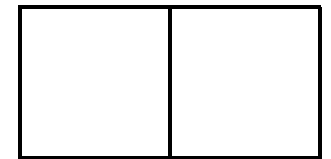
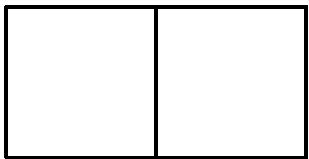
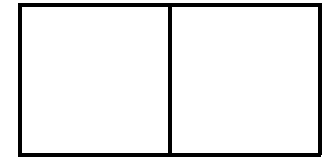
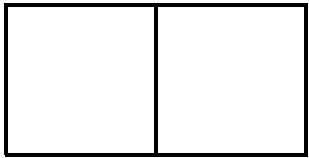
$$\square = 4 + 6$$

$$\square + \square = \square$$

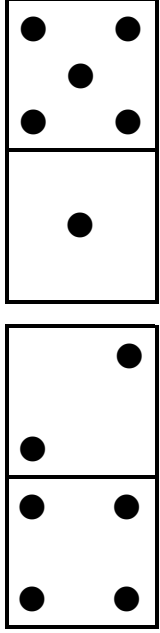


$$10 = 5 + \square$$

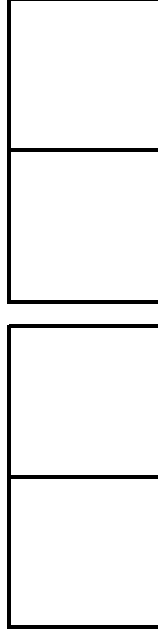
**MODELLING ADDITION: Draw dots on each domino. Write a number sentence for each domino.**



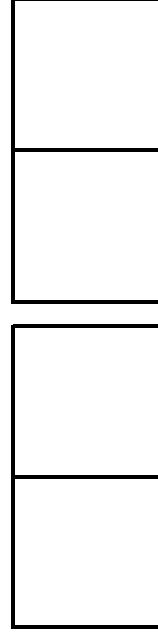
DOMINO TRAIN: 12 passengers (dots) in two carriages.



$$12 =$$

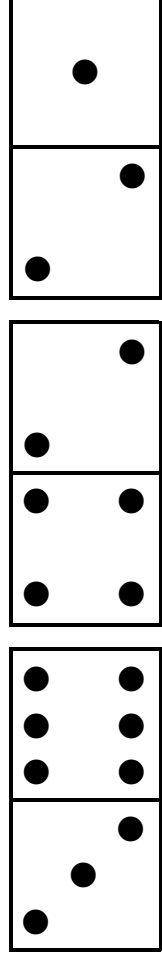


$$12 =$$

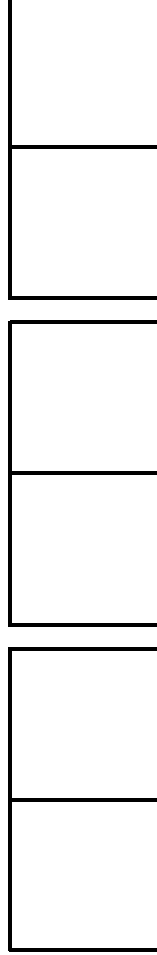


$$12 =$$

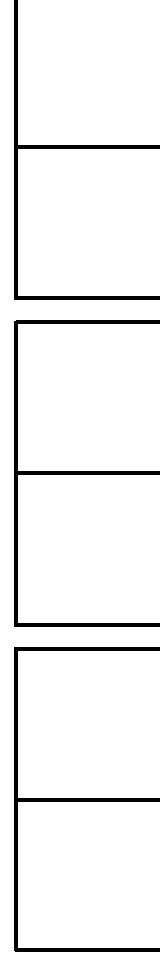
DOMINO TRAIN: 18 passengers (dots) in three carriages.



$$18 =$$

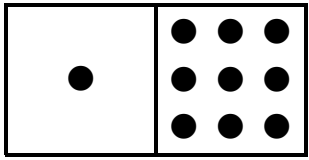


$$18 =$$



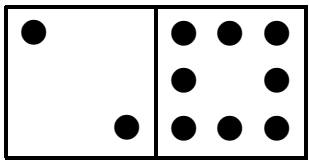
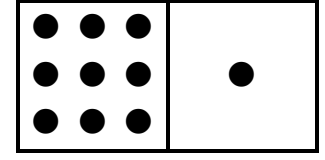
$$18 =$$

**FRIENDS OF TEN:** Complete the subtraction fact for each dot domino. *HINT: Always start with the total amount.*



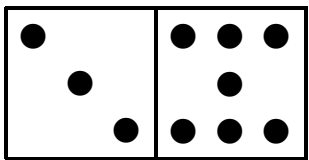
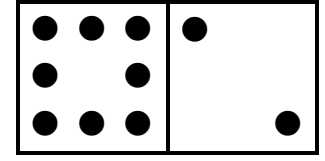
$10 - 1 = \square$

$\square - \square = 1$



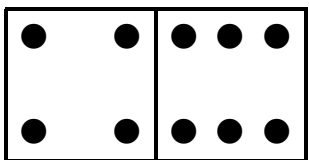
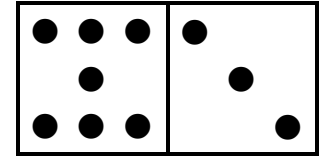
$10 - 2 = \square$

$\square - \square = 2$



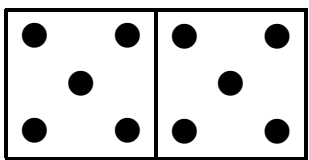
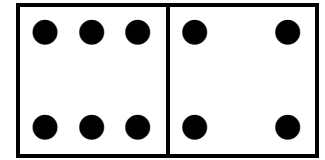
$10 - \square = 7$

$\square - \square = 3$



$10 - \square = 6$

$\square - \square = \square$



$10 - 5 = \square$

**MODELLING ADDITION AND SUBTRACTION: Draw dots on each domino. Write four related number facts.**

