

Key Learning: To add and subtract tens from a 2-digit number

$31 + 40 =$	$34 + 50 =$
$41 + 30 =$	$54 + 30 =$
$26 + 50 =$	$26 + 40 =$
$56 + 20 =$	$46 + 20 =$
$44 + 50 =$	$52 + 40 =$



Mathematics
Mastery

Y2 U2 L5 Talk Task

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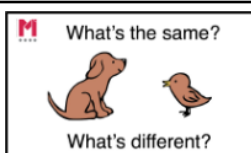
Mathematics
Mastery

Y2 U2 L5 Talk Task

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Key Learning: To add and subtract tens from a 2-digit number

$46 - 40 = (\underline{\quad})$ $46 - 30 = (\underline{\quad})$ $46 - 20 = (\underline{\quad})$ $46 - 10 = (\underline{\quad})$ $46 + 10 = (\underline{\quad})$ $46 + 20 = (\underline{\quad})$ $46 + 30 = (\underline{\quad})$	$42 - 40 = (\underline{\quad})$ $42 - 30 = (\underline{\quad})$ $42 - 20 = (\underline{\quad})$ $42 - 10 = (\underline{\quad})$ $42 + 10 = (\underline{\quad})$ $42 + 20 = (\underline{\quad})$ $42 + 30 = (\underline{\quad})$
$(\underline{\quad}) = 66 - 40$ $(\underline{\quad}) = 66 - 30$ $(\underline{\quad}) = 66 - 20$ $56 = 66 - (\underline{\quad})$ $76 = 66 + (\underline{\quad})$ $(\underline{\quad}) = 66 + 20$ $(\underline{\quad}) = 66 + 30$	$(\underline{\quad}) = 65 - 40$ $(\underline{\quad}) = 65 - 30$ $(\underline{\quad}) = 65 - 20$ $55 = 65 - (\underline{\quad})$ $75 = 65 + (\underline{\quad})$ $(\underline{\quad}) = 65 + 20$ $(\underline{\quad}) = 65 + 30$
$(\underline{\quad}) - 30 = 7$ $37 - 20 = (\underline{\quad})$ $37 - 10 = (\underline{\quad})$ $(\underline{\quad}) + 10 = 47$ $(\underline{\quad}) + 20 = 57$ $37 + (\underline{\quad}) = 67$ $37 + (\underline{\quad}) = 77$	$(\underline{\quad}) - 30 = 3$ $33 - 20 = (\underline{\quad})$ $33 - 10 = (\underline{\quad})$ $(\underline{\quad}) + 10 = 43$ $(\underline{\quad}) + 20 = 53$ $33 + (\underline{\quad}) = 67$ $33 + (\underline{\quad}) = 77$

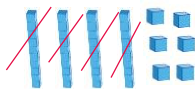


$$36 - 20 = 16$$

$$36 - 30 = 6$$

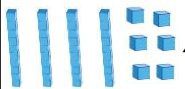


Key Learning: To add and subtract tens from a 2-digit number

 $46 - 40 = 6$

 $46 - 30 = 16$

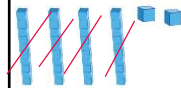
 $46 - 20 = \underline{\quad}$

 $46 - 10 = \underline{\quad}$

 $46 + 10 = 56$

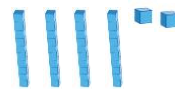
 $46 + 20 = 66$

 $46 + 30 = \underline{\quad}$

 $42 - 40 = \underline{\quad}$

 $42 - 30 = 12$

 $42 - 20 = \underline{\quad}$

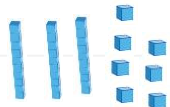
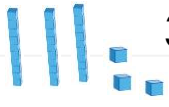
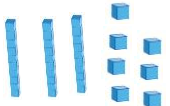
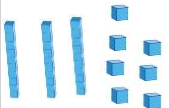
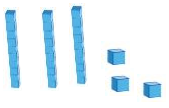
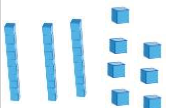
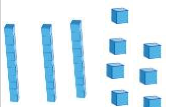
 $42 - 10 = \underline{\quad}$

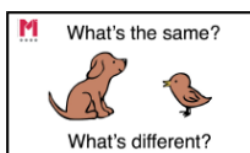
 $42 + 10 = 52$

 $42 + 20 = \underline{\quad}$

 $42 + 30 = \underline{\quad}$

Key Learning: To add and subtract tens from a 2-digit number

 $37 - 30 = 7$	 $33 - 30 = 3$
 $37 - 20 = 17$	 $33 - \underline{\quad} = 13$
 $37 - \underline{\quad} = 27$	 $33 - 10 = 23$
 $37 + 10 = 47$	 $33 + 10 = 43$
 $37 + 20 = 57$	 $33 + 20 = 53$
 $37 + \underline{\quad} = 67$	 $33 + \underline{\quad} = 67$
 $37 + \underline{\quad} = 77$	 $33 + \underline{\quad} = 77$



$$36 - 20 = 16$$

$$36 - 30 = 6$$

Key Learning: To add and subtract tens from a 2-digit number

$$46 - 40 = (\underline{\quad})$$

$$46 - 30 = (\underline{\quad})$$

$$46 - 20 = (\underline{\quad})$$

$$46 - 10 = (\underline{\quad})$$

$$(\underline{\quad}) + 10 = 56$$

$$46 + 20 = (\underline{\quad})$$

$$46 + 30 = (\underline{\quad})$$

$$42 - 40 = (\underline{\quad})$$

$$42 - 30 = (\underline{\quad})$$

$$42 - 20 = (\underline{\quad})$$

$$42 - 10 = (\underline{\quad})$$

$$42 + 10 = (\underline{\quad})$$

$$42 + 20 = (\underline{\quad})$$

$$(\underline{\quad}) + 30 = (\underline{\quad})$$

$$(\underline{\quad}) = 66 - 40$$

$$(\underline{\quad}) = 66 - 30$$

$$(\underline{\quad}) = 66 - 20$$

$$56 = (\underline{\quad}) - (\underline{\quad})$$

$$76 = 66 + (\underline{\quad})$$

$$(\underline{\quad}) = 66 + 20$$

$$(\underline{\quad}) = 66 + (\underline{\quad})$$

$$(\underline{\quad}) = 65 - 40$$

$$(\underline{\quad}) = 65 - 30$$

$$(\underline{\quad}) = 65 - 20$$

$$55 = 65 - (\underline{\quad})$$

$$75 = 65 + (\underline{\quad})$$

$$(\underline{\quad}) = 65 + 20$$

$$(\underline{\quad}) = 65 + 30$$

Key Learning: To add and subtract tens from a 2-digit number

Decide how to complete the equations by adding or subtracting a multiple of 10.

$$76 - 30 = 46$$

$$\underline{\quad} - \underline{\quad}0 = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad}0 = \underline{\quad}$$

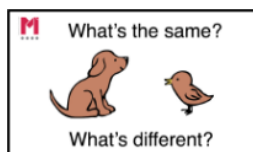
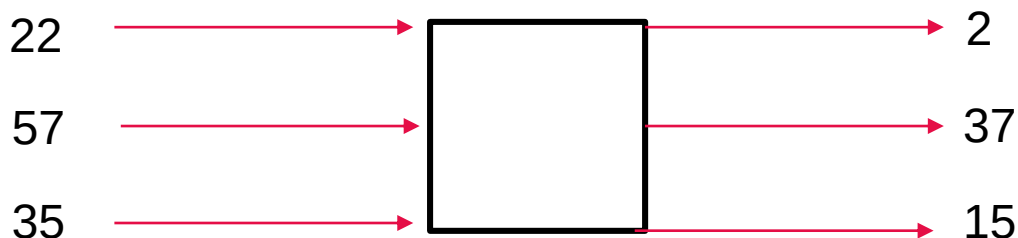
$$\underline{\quad} + \underline{\quad}0 = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad}0 = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad}0 = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad}0 = \underline{\quad}$$

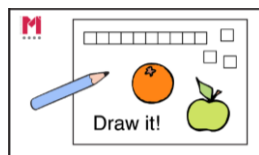
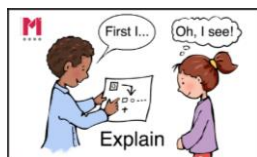
Add – or + and the multiple of ten that explains what has happened to each number in the function machine.



$$36 - 20 = 16$$

$$36 - 30 = 6$$

True or false



$$54 + 10 = 54 + 8 + 2$$

$$54 + 20 + 1 = 74 + 1$$

$$54 + 20 - 1 = 74 + 21$$

Explain how you know.

Draw a diagram or picture to convince someone.

Can you create your own example that fits the pattern above?