








CHRISTMAS

LOGIC PROBLEMS

Find the value for each symbol.




 ×  = 25



 + 



 +  + 

1

Find the value for each symbol.



 +  + 



 × 




 +  = 80

3

Find the value for each symbol.

20 ×  = 

 ×  = 100

 +  +  = 11

GRADES
4-6

Ready to
challenge

your students' brains this
December?

These Logic Puzzles will require
your students to think differently
than they are used to, providing a
whole new element of challenge!



Find the value for each symbol.

$$\begin{array}{l} \text{[Brick chimney]} \times \text{[Brick chimney]} = 25 \\ \text{[Christmas tree]} + \text{[Brick chimney]} = 20 \\ \text{[Green egg]} + \text{[Green egg]} + \text{[Christmas tree]} = 75 \end{array}$$

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Find the value for each symbol.

$$\begin{array}{l} \text{[Santa in sleigh]} \times \text{[Santa in sleigh]} = 100 \\ \text{[Gingerbread house]} + \text{[Gingerbread house]} + \text{[Fire]} = 15 \\ \text{[Fire]} - 3 = 15 \end{array}$$

15

Requires
critical
thinking!

This set includes
20 logic puzzles
 that focus on addition,
 subtraction, and multiplication
 within 100.

A recording sheet is included to
 make student organization simple.

RECORDING SHEET (Add, Subtract, Multiply Within 100)

1 = = =	2 = = =	3 = = =	4 = = =
5 = = =	6 = = =	7 = = =	8 = = =
9 = = =	10 = = =	11 = = =	12 = = =
13 = = =	14 = = =	15 = = =	16 = = =
17 = = =	18 = = =	19 = = =	

Find the value for each symbol

$$20 \times \text{[Red Archway]} = \text{[Red Christmas Tree]}$$

$$\text{[Red Archway]} \times \text{[Green House]} = 10$$

$$\text{[Green House]} + \text{[Green House]} + \text{[Green House]} = 75$$

11

Find the value for each symbol

$$\text{[Angel]} + \text{[Brick Chimney]} + \text{[Green Gingerbread Man]} = 60$$

$$\text{[Brick Chimney]} \times \text{[Brick Chimney]} = 4$$

$$\text{[Green Gingerbread Man]} + \text{[Green Gingerbread Man]} = 80$$

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Ideas for Use



Morning Tubs



Math Centers



Early Finisher Activity



Around the Room Gallery Walk

Tip:

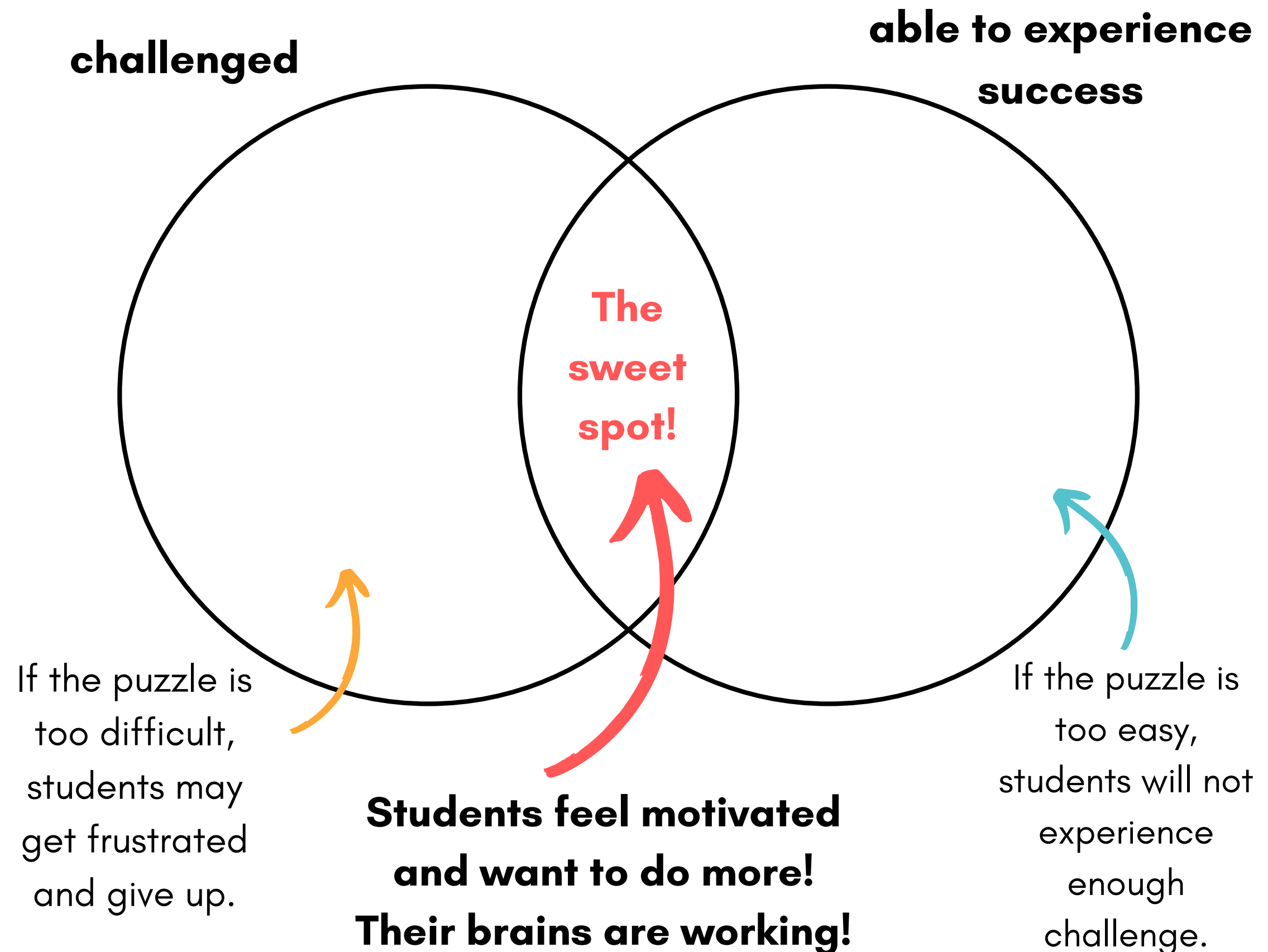
Let your students work in partners and listen to the amazing math conversation that occurs!

"Just enough" struggle...

There is a **sweet spot** when it comes to student engagement.

You want your students challenged "just enough" so their brains experience a bit of struggle. But if the challenge is too much, you'll have students experiencing frustration instead (not the goal!)

In the sweet spot, students are **motivated and having fun!**



In order to have all your students working in their very own sweet spot, it may be necessary to provide **differentiated puzzles.**

This bundle includes ALL my Christmas Logic Problems - 160 in all, at 8 different levels!

Let students choose the set they work on, telling them, "*Choose the set that gives your brain the perfect amount of struggle!*"

CHRISTMAS
LOGIC PROBLEMS

Bundle **160**
PUZZLES

Find the value for each symbol.

$$\begin{array}{l} \text{Red Ornament} \div 2 = \text{Green Sock} \\ \text{Green Sock} \times \text{Green Sock} = \text{Red Sweater} \\ \text{Red Sweater} \div \text{Red Ornament} = 7 \end{array}$$

Find the value for each symbol.

$$\begin{array}{l} \text{Red Ornament} + \text{Santa Claus} + \text{Santa Claus} = 30 \\ \text{Santa Claus} + \text{Green Tree} = 20 \\ \text{Green Tree} + \text{Green Tree} = 16 \end{array}$$

SHELLEY GRAY

Differentiate to all your students with the Christmas Logic Puzzle Bundle [HERE](#).