

Math Virtual Learning

HS/Essential Math II

May 21, 2020



High School/Essential Math 2 Lesson: May 21, 2020 (U4L8 part II)

Objective/Learning Target

Multiply variables and combine like terms to consolidate their understanding of the structure of multiplication & sort out several common errors

BELLWORK

Who Am I?

- t < u
- The sum of my digits is 9.
- The product of my digits is 14.

F

u

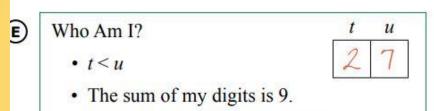
Who Am I?

• The sum of my digits is 9.

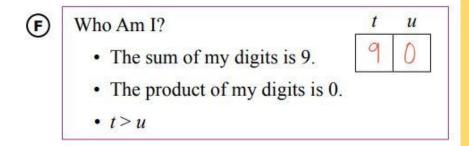
u

- The product of my digits is 0.
- t > u

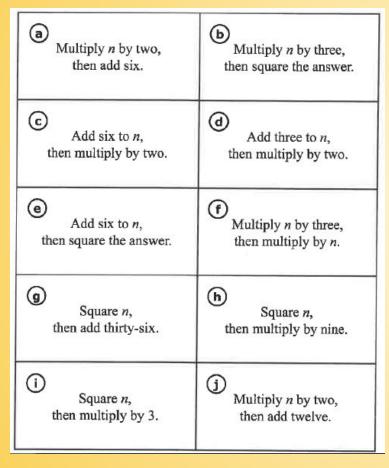
Bellwork

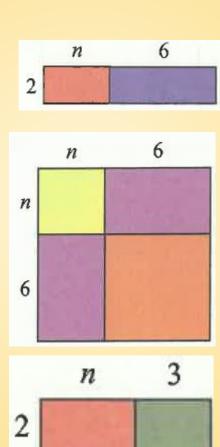


• The product of my digits is 14.

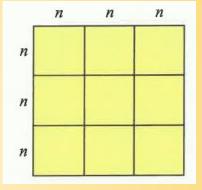


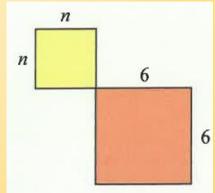
Lesson - Some shapes have multiple expressions

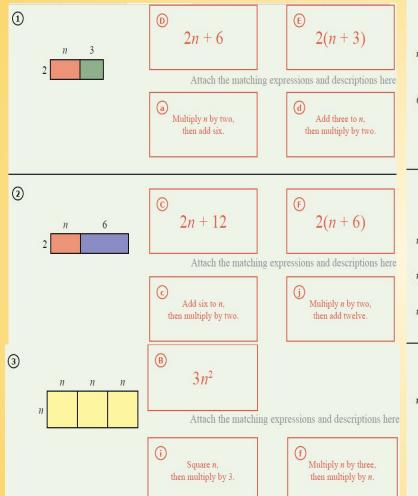


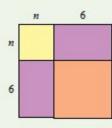


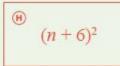








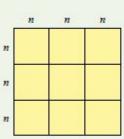


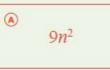




Attach the matching expressions and descriptions here.

Add six to n,
then square the answer.



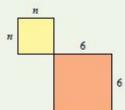




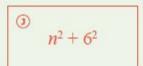
Attach the matching expressions and descriptions here.

Multiply n by three, then square the answer.





Attach the matching expressions and descriptions here.





Stuff to Think About

TOUGH STUFF



$$(c-21)(c+21) = \underline{\hspace{1cm}}$$

$$(c-38)(c+38) = ____$$

ANSWERS Stuff to Think About

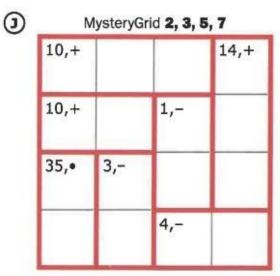
Additional Practice

G
$$(x+6)(x-5) =$$

$$(x-8)(x-5) =$$

①
$$(x-y+3)(x+11) =$$

After combining like terms, there are 5 terms in the answer.



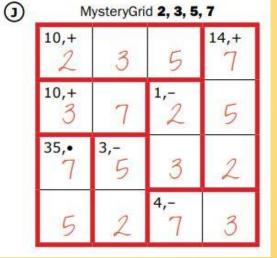
Additional Practice Key

(a)
$$(x+6)(x-5) = \frac{x^2 + x - 30}{x - 5}$$

(b) $(x+6)(x-5) = \frac{x^2 + x - 30}{5}$
(c) $(x+6)(x-5) = \frac{x^2 + x - 30}{5}$

(I)
$$(x-y+3)(x+11) = \underbrace{x^2 + 14x - xy - 11y + 33}_{\times}$$

 \times 11
 \times 11
 \times 11
 \times 11
 \times 11
After combining like terms, there are 5 terms in the answer.



Today you learned to multiply variables and combine like terms to consolidate their understanding of the structure of multiplication & sort out several common errors

For additional practice, click the link: Solve Me Mystery Grids