Name _____

Learning Target: Use equations to model odd numbers.
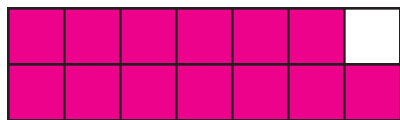
Example

Model the number two different ways.

13

$13 = \underline{6} + \underline{6} + \underline{1}$
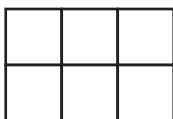
$13 = \underline{6} + \underline{7}$

13

$13 = \underline{7} + \underline{7} - \underline{1}$

$13 = \underline{7} + \underline{6}$
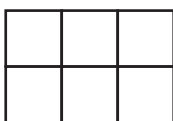

Model the number two different ways.

1. 5

$5 = \underline{} + \underline{} + \underline{}$

$5 = \underline{} + \underline{}$

and

$5 = \underline{} + \underline{} - \underline{}$

$5 = \underline{} + \underline{}$

2. 17
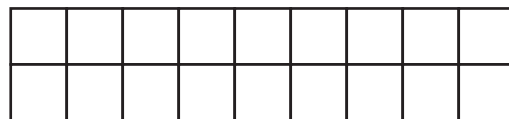
$17 = \underline{} + \underline{} + \underline{}$

$17 = \underline{} + \underline{}$

and
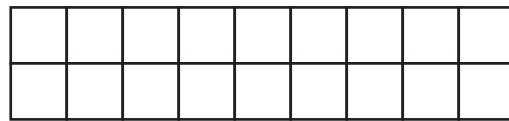
$17 = \underline{} + \underline{} - \underline{}$

$17 = \underline{} + \underline{}$

3. 11

11 = _____ + _____ + _____

and

11 = _____ + _____ − _____

4. 19

19 = _____ + _____ + _____

and

19 = _____ + _____ − _____

Use the model and equation to show that the number is odd.

5. 7

7 = _____ ◯ _____ ◯ _____

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6. 15

15 = _____ ◯ _____ ◯ _____

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7. Open-Ended Would you prefer to use *doubles plus 1* or *doubles minus 1* to show that 9 is odd? Why?

_____

_____

_____