

Properties of Odd and Even Numbers

Subtraction

even subtract even

$6 - 2 = \underline{\quad}$

$12 - 4 = \underline{\quad}$

$10 - 8 = \underline{\quad}$

$12 - 10 = \underline{\quad}$

$8 - 2 = \underline{\quad}$

$8 - 4 = \underline{\quad}$

$14 - 4 = \underline{\quad}$

$10 - 6 = \underline{\quad}$

What happens when an **even** number is subtracted from an **even** number?

$\text{even} - \text{even} = \underline{\quad}$

Why is this the case? Draw a picture to help you explain.

odd subtract odd

$3 - 1 = \underline{\quad}$

$5 - 3 = \underline{\quad}$

$11 - 7 = \underline{\quad}$

$13 - 5 = \underline{\quad}$

$9 - 7 = \underline{\quad}$

$11 - 5 = \underline{\quad}$

$15 - 3 = \underline{\quad}$

$13 - 7 = \underline{\quad}$

What happens when an **odd** number is subtracted from an **odd** number?

$\text{odd} - \text{odd} = \underline{\quad}$

Why is this the case? Draw a picture to help you explain.

even subtract odd / odd subtract even

$4 - 3 = \underline{\quad}$

$6 - 3 = \underline{\quad}$

$8 - 3 = \underline{\quad}$

$12 - 11 = \underline{\quad}$

$9 - 4 = \underline{\quad}$

$17 - 6 = \underline{\quad}$

$18 - 13 = \underline{\quad}$

$14 - 7 = \underline{\quad}$

What happens when an **even** number is subtracted from an **odd** number?

$\text{even} - \text{odd} = \underline{\quad}$

Why is this the case? Draw a picture to help you explain.