What's Going On?

Checking In

Minds on   Course Website / Outlines

Action!   Integer Rules

Consolidation   Mastering Integers

Learning Goal - I will review how to add, subtract, multiply and divide integers.

$$(-3) - (-6) + (7 - 4)^2 \times 2$$

$$\begin{array}{c} 21 \\ 9 \\ 27 \end{array}$$

$$= -3 + 6 + (3)^2 \times 2$$

$$= -3 + 6 + 9 \times 2$$

$$= -3 + 6 + 18$$

$$= 3 + 18$$

$$= 21$$

Minds on

Course Outlines

Course Outlines are now available online.

Action!

Integer Rules

Adding a negative integer

$$(-3) + (6)$$

adding

$$= +3$$

Always use the "negative" button on your calculator.

$(-)$ or $+/-$

Integer Rules

Subtracting a negative integer

$$(+6) - (-5)$$

When you subtract a negative, it is the same as adding that integer.

Action!

Integer Rules

Multiplying Two Integers

If we are multiplying **two positive**

integers, the result will be _positive_.

If we are multiplying **two negative**

integers, the result will be _positive_.

If we are multiplying **one positive** and **one**

negative integer, the result will be

negative.

$$+ \times + = +$$
$$- \times - = +$$
$$+ \times - = -$$
$$- \times + = -$$