

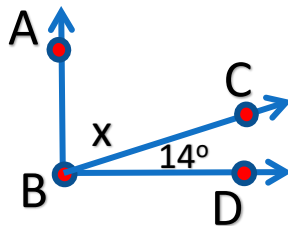
Warmup

1. *Solve and Check*

$$\frac{t}{5.5} = 2$$

2. *How many numbers are in the interval 20 – 29?*

3. $\angle ABD$ is a right angle.
 $\angle CBD = 14^\circ$, find x



4. *Calculate the mean, median and mode of the data.*
1, 3, 5, 2, 6, 3, 7, 3, 5

I. Multiplying Integers

Homeschool



Honor Roll

Learn ~ Persevere ~ Succeed

Pre-Algebra and Geometry I

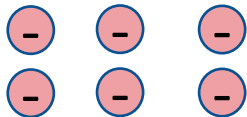
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I. Multiplying Integers

Three piles of negative two

$$(3)(-2)$$



$$(3)(-2) = (-1)(3)(2)$$

What is the opposite
of three times two?

$$(-1)(3)(2)$$

$$(-3)(-2) = (-1)(-1)(3)(2)$$

$$(-3)(2) = (-1)(3)(2)$$

What is the opposite
of the opposite of
three times two?

What is the opposite
Of three times two?

Same Signs

Different Signs

Multiplication with Integers

Same Signs

Multiply the numbers
Sign is **Positive**

$$(-4)(-3)$$

$$(4)(3) = 12$$

The signs the same
the answer is positive

$$(-4)(-3) = +12$$

$$(4)(3)$$

$$(4)(3) = 12$$

The signs the same
the answer is positive

$$(4)(3) = +12$$

$$(-4)(-2) =$$

$$(-7)(8)$$

$$(6)(-3) =$$

$$(-10)(3)$$

Different Signs

Multiply the numbers
Sign is **Negative**

$$(5)(-6)$$

$$(5)(6) = 30$$

The signs the different
the answer is negative

$$(5)(-6) = -30$$

$$(-5)(6)$$

$$(-5)(6) = 30$$

The signs the different
the answer is negative

$$(-5)(6) = -30$$

$$6. (-8)(5) =$$

$$7. (-4)(-6)$$

$$8. (-4)(0)$$

$$9. (3)(8) =$$

$$10. (7)(-1)$$

