

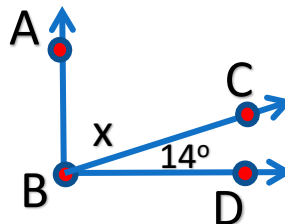
Warmup

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



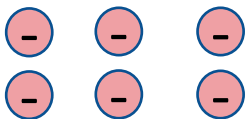
4. Calculate the mean, median and mode of the data.

1, 3, 5, 2, 6, 3, 7, 3, 5

I. Multiplying Integers

Three piles of negative two

$$(3)(-2)$$



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

What is the opposite of three times two?

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

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

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

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

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

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

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

$$(-7)(8)$$

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

$$(-10)(3)$$

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

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

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

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

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

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

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

II. Practice

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