Math 7   Name:_____
BIPS 2020

Integers Unit Review

This review will cover everything you should expect to see on the Integers Unit Test. Please show all work where possible.

1. Please use **number lines** to model the following

   a. (+7) + (-2) =

   _____

   b. (-8) + (-7) =

   _____

   c. (-4) – (-3) =

   _____

   d. (+2) – (+8) =

   _____

2. Please use **integer tiles** to model the following:

Question	Integer Tiles
a. (+3) + (-6) =	
b. (-1) + (-5) =	
c. (+2) - (-5) =	

3. Please **add** the following:

Rules: - If the signs are the **same** we _____ and keep the signs the same.
- If the signs are **different** we _____ and take the sign of the
_____ number.

a. (+12) + (-5) =

b. (-13) + (-10) =

c. (-8) + (+11) =

c. (+12) + (+19) =

4. Please **subtract** the following:

Rules: Keep the first term the same.
Change to _____ the opposite. (Please show your work)
Use the same rules as adding integers.

a. (-23) - (-15) =

b. (-22) - (+18) =

c. (+12) – (+7) =

d. (+19) – (-5) =

5. Please **multiply** the following:

Rules: If the signs are the **same** the answer is _____.
If the signs are **opposite** the answer is _____.

a. (-4) x (+7) =

b. (+6) x (-2) =

c. (-11) x (-3) =

d. (+12) x (+10) =

Try this!
e. (-5)x (-3) x (-4) x (-10) =

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6. Please **divide** the following:

        Rules: If the signs are the **same** the answer is _____.

               If the signs are **opposite** the answer is _____.

a. (-35) ÷ (-7) =   b. (+16) ÷ (-2) =

c. (-21) ÷ (+7) =   d.   (-345) ÷ (-6) =

7. Please do the following **order of operations** questions. Please show all your work.

        Rules: Answer the questions in this order **(B) E² DM AS**

                                → →

        a. (4) x (-6) ÷ (-2) x (-3) ÷ (-9) x (10) =

        b. [(-4) + (-2)] x 5 ÷ [(-2) - (-12)] =

        c. [(-10) + (-2)] ÷ (+6) - (+4)

        d. (+48)   ÷ [(-6) + (+2)] - (+8)