

Name: _____

**Grade 8 Int Mult & Decimal Operations
Test REVIEW Worksheet**

Part A – Multiple Choice

- _____ 1. $(+) \times (-)$ is always what as a product?
(a) $(-)$ (b) $(+)$ (c) Depends on the numbers (d) 0
- _____ 2. The sum of 123.45 AND 2.7
(a) 120.75 (b) 125.15 (c) 126.15 (d) 333.315
- _____ 3. 62.7×12.16 would have what as the solutions? (Use decimal place or estimation)
(a) 7624.32 (b) 762.432 (c) 762432 (d) 76.2432
- _____ 4. What is $(-15) \times (-3)$ equal to ?
(a) (-18) (b) (-45) (c) (-12) (d) $(+45)$
- _____ 5. Find the difference of 14.001 and 5.39 using rounding to the ones place.
(a) 13.462 (b) 8.611 (c) 9.61 (d) IDK
- _____ 6. In the question, $9.32 - 6.85 \div 7 + 21 \times 6.7$, which operation would you do first?
(a) addition (b) subtraction (c) multiplication (d) division

Part B – You must show work in order to obtain full value.

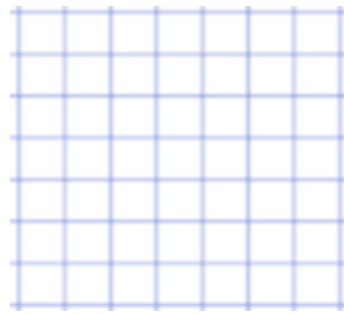
1. Model the following integer multiplication with tiles
(a) $(+7) \times (-4)$ (b) $(-3) \times (-6)$
- 2) Find the product of the following:
a) $(-8) \times (-7)$ b) $(+7) \times (-12)$ c) $(+4) \times (+11)$ d) $(-8) \times (+2)$
- 3) Use the distributive method to evaluate the following:
a) $(-24) \times (+70)$ b) $(-86) \times (-21)$

4) Add the following

a) $21.6 + 7.258$



b) $2.8 + 154$



5. Subtract the following

a) $167.2 - 12.47$



b) $14.7 - 0.6$



6) Find the actual answer

(a) 3.56×0.3



(b) $1.689 \div 0.3 \rightarrow$

7. Evaluate(no calculators).

(a) $31 - (7+5) \div 4 + 10$

(b) $10 + 61.2 \times 0.3 + 12.96 \div 0.4 - 1$

(Show work on side of the paper)