

Math 6 - Unit 8: Operations w/ Rational Numbers

Name: _____

Mixed Operations with Integers

Class Period: 1 2 3 4 Date: _____

Short Answer:

- 1) When multiplying or dividing rational numbers with the **same** sign, your answer will be _____.
- 2) When multiplying or dividing rational numbers with **different** signs, your answer will be _____.
- 3) When adding rational numbers with the **same** signs, _____ and keep the _____.
- 4) When adding rational numbers with **different** signs, _____ and take the sign of the number with the biggest _____.
- 5) When subtracting rational numbers, you add the _____.

Evaluate:

6) $-12 \cdot 10 =$ _____

7) $-10 \div (-2) =$ _____

8) $84 + (-12) =$ _____

9) $16 - (-5) =$ _____

10) $100 \div (-4) =$ _____

11) $-45 \cdot (-8) =$ _____

12) $-45 - (-4) =$ _____

13) $-11 + -11 =$ _____

14) $-2 \cdot 0 =$ _____

15) $-4 - 7 =$ _____

16) $8 \div 4 =$ _____

17) $54 + -20 =$ _____

18) $3 + (-4) - 7$ _____