

THURSDAY 10/12

7th GRADE

MATH HOMEWORK

PG 3 OF 4



NAME _____

DATE _____

Lesson Summary

- Add integers with the same sign by adding the absolute values and using the common sign.
- Steps to adding integers with opposite signs:
 1. Find the absolute values of the integers.
 2. Subtract the absolute values.
 3. The answer will take the sign of the integer that has the greater absolute value.
- To add rational numbers, follow the same rules used to add integers.

Problem Set

1. Find the sum. Show your work to justify your answer.

a. $4 + 17$

b. $-6 + (-12)$

c. $2.2 + (-3.7)$

d. $-3 + (-5) + 8$

e. $\frac{1}{3} + \left(-2\frac{1}{4}\right)$

2. Which of these story problems describes the sum $19 + (-12)$? Check all that apply. Show your work to justify your answer.

_____ Jared's dad paid him \$19 for raking the leaves from the yard on Wednesday. Jared spent \$12 at the movie theater on Friday. How much money does Jared have left?

_____ Jared owed his brother \$19 for raking the leaves while Jared was sick. Jared's dad gave him \$12 for doing his chores for the week. How much money does Jared have now?

_____ Jared's grandmother gave him \$19 for his birthday. He bought \$8 worth of candy and spent another \$4 on a new comic book. How much money does Jared have left over?