

Worksheet 7.3

Addition of Real Numbers.

Add. See examples on pages 414-415 in text.

1. $-10.2 + (-22.9)$

- A) -12.7 B) 33.1 C) 12.7 D) -33.1

2. $17 + (-14) + (-25)$

- A) -22 B) 6 C) 28 D) 56

3. $-10 + (-13) + (-19) + (-11) + 3 + (-16)$

- A) -72 B) -66 C) -8 D) -26

4. $-13.8 + 8.5 + (-9.7)$

- A) 12.6 B) 32 C) 4.4 D) -15

Find the opposite, or additive inverse. See examples on page 415 in text.

5. $-(-24)$

- A) 0 B) $\frac{1}{24}$ C) 24 D) -24

Find the opposite, or additive inverse. See examples on page 415 in text.

6. $|-12|$

- A) -12 B) $\frac{1}{12}$ C) 0 D) 12

Find the following. See examples on page 416 in text.

7. Find $-x$ when $x = -3.70$.

- A) -3.70 B) 3.70 C) 3 D) 0

Find the opposite. (Change the sign.) See examples on page 416 in text.

8. $|-19| - |-12|$

- A) -31 B) 7 C) -7 D) 31

Solve the problem. See examples on page 416 in text.

9. John earns \$13.16 /hour. If he works 10 hours, how much will he earn?

- A) \$13.16 B) \$131.16 C) \$263.20 D) \$131.60

Solve the problem. See examples on pages 188-192 in text.

10. Manuel had \$1312.03 in his checking account. He wrote checks of \$59.39, \$38.99, and \$141.52 to pay some bills. He then deposited a paycheck of \$703.18. How much is in his account after these transactions?

- A) \$1790.42 B) \$1775.31 C) \$2255.11 D) \$368.95