

# 2.1–2.3 Quiz

Write the rational number as a decimal. (Section 2.1)

1.  $-\frac{3}{20}$

2.  $-\frac{11}{6}$

Write the decimal as a fraction or mixed number in simplest form. (Section 2.1)

3.  $-0.325$

4.  $-1.28$

Add or subtract. Write fractions in simplest form. (Section 2.2)

5.  $-\frac{4}{5} + \left(-\frac{3}{8}\right)$

6.  $-5.8 + 2.6$

7.  $\frac{12}{7} - \left(-\frac{2}{9}\right)$

8.  $9.1 - 12.9$

Multiply or divide. Write fractions in simplest form. (Section 2.3)

9.  $-2\frac{3}{8} \times \frac{8}{5}$

10.  $-9.4 \times (-4.7)$

11.  $-8\frac{5}{9} \div \left(-1\frac{4}{7}\right)$

12.  $-8.4 \div 2.1$

13. **STOCK** The value of stock A changes  $-\$3.68$  and the value of stock B changes  $-\$3.72$ . Which stock has the greater loss? Explain. (Section 2.1)

14. **PARASAILING** A parasail is at 200.6 feet above the water. After five minutes, the parasail is at 120.8 feet above the water. What is the change in height of the parasail? (Section 2.2)



15. **FOOTBALL** The table shows the statistics of a running back in a football game. How many total yards did he gain? (Section 2.2)

Quarter	1	2	3	4	Total
Yards	$-8\frac{1}{2}$	23	$42\frac{1}{2}$	$-2\frac{1}{4}$	?

16. **LATE FEES** You were overcharged  $\$4.52$  on your cell phone bill three months in a row. The cell phone company will add  $-\$4.52$  to your next bill for each month you were overcharged. How much will be added to your next bill? (Section 2.3)