

Name _____

Date _____

Multiplication and Division of Rational Numbers - Independent Practice Worksheet

Complete all the problems.

1. Which of the following fractions is equivalent to $\frac{-5}{2}$?a. $\frac{5}{2}$ b. $\frac{-25}{10}$ c. $\frac{-5}{-2}$ 2. Which of the following fractions is equivalent to $\frac{8}{-3}$?a. $\frac{64}{-24}$ b. $\frac{8}{3}$ c. $\frac{-8}{-3}$ 3. Which of the following fractions is equivalent to $\frac{2}{7}$?a. $\frac{2}{-7}$ b. $\frac{-2}{7}$ c. $\frac{4}{14}$

4. $4(2x + 7)$

5. $9(5 + 3p)$

6. $3(7 + 6z)$

7. $-8 \times \underline{\hspace{2cm}} = 32$

8. $\underline{\hspace{2cm}} \times -5 = -25$

9. $-9 \times \underline{\hspace{2cm}} = -54$

10. $-10 \times \underline{\hspace{2cm}} = 100$

