

# Algebra I: Multiply and Divide Rational Numbers

Name: \_\_\_\_\_

Period: \_\_\_\_\_

## Level 1 Problems

**Directions:** Complete each problem in the box provided. Check your answers with your teacher when complete so you can move on to the next level. Make sure when you get them back you put them in your binder to study for the upcoming quiz and test.

1.	$5(4)$	
2.	$(-6)(3)$	
3.	$5(18)$	
4.	$(-8)(-22)$	
5.	$(4.5)(2.3)$	
6.	$(-7.2)(-0.3)$	
7.	$11.3(-2.5)$	
8.	$\left(\frac{6}{7}\right)\left(-\frac{2}{5}\right)$	
9.	$\left(-\frac{3}{5}\right)\left(\frac{7}{2}\right)$	
10.	$\left(\frac{4}{5}\right)\left(\frac{3}{8}\right)$	

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### Level 2 Problems

**Directions:** Complete each problem in the box provided. Check your answers with your teacher when complete so you can move on to the next level. Make sure when you get them back you put them in your binder to study for the upcoming quiz and test.

1.  $-7(-8)$	
2.  $(-15)(0)$	
3.  $-23(12)$	
4.  $5.2(-1.1)$	
5.  $(-0.03)(-0.18)$	
6.  $\left(\frac{5}{3}\right)\left(-\frac{2}{7}\right)$	
7.  $\left(-\frac{9}{24}\right)\left(\frac{27}{15}\right)$	
8.  $\left(-\frac{16}{25}\right)\left(-\frac{15}{12}\right)$	
9.  $\left(-\frac{8}{3}\right)(-5)$	
10.  $\left(-3\frac{1}{5}\right)\left(-7\frac{1}{2}\right)$	

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### Level 3 Problems

**Directions:** Complete each problem in the box provided. Check your answers with your teacher when complete so you can move on to the next level. Make sure when you get them back you put them in your binder to study for the upcoming quiz and test.

1.  $-64 \div (-8)$	
2.  $78 \div (-4)$	
3.  $-96 \div 6$	
4.  $-56 \div (-7)$	
5.  $-64 \div 5$	
6.  $68.4 \div (-12)$	
7.  $-112.23 \div 8.7$	
8.  $\left(-\frac{2}{3}\right) \div \frac{4}{5}$	
9.  $\left(-\frac{2}{3}\right) \div (-12)$	
10.  $-\frac{3}{8} \div \left(-\frac{1}{3}\right)$	

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### Level 4 Problems

**Directions:** Complete each problem in the box provided. Check your answers with your teacher when complete so you can move on to the next level. Make sure when you get them back you put them in your binder to study for the upcoming quiz and test.

1. $-80 \div 10$	
2. $-32 \div (-8)$	
3. $42 \div 6$	
4. $108 \div (-0.9)$	
5. $-65.7 \div (-9)$	
6. $-40.05 \div (-2.5)$	
7. $\frac{5}{6} \div \left(-\frac{3}{8}\right)$	
8. $-9 \div \frac{3}{5}$	
9. $-\frac{15}{32} \div \left(-\frac{3}{4}\right)$	
10. $\frac{14}{63} \div \frac{49}{54}$	