



# Division of Integers

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Grade 7 Division of Integers Worksheet

Date: \_\_\_\_\_

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

## LET'S MAKE DIVISION OF INTEGERS EASY

Divide the following integers

1.  $\frac{2}{3} \div 3 =$

2.  $1\frac{1}{3} \div 9 =$

3.  $\frac{3}{5} \div \frac{3}{5} =$

4.  $-5\frac{2}{5} \div 9 =$

5.  $\frac{5}{8} \div 5 =$

6.  $-4\frac{2}{3} \div 2 =$

7.  $-\frac{4}{7} \div -\frac{2}{7} =$

8.  $8 \div -2\frac{1}{2} =$

9.  $-6 \div -2\frac{1}{3} =$

10.  $1\frac{2}{7} \div -2\frac{2}{3} =$

11.  $\frac{9}{10} \div 3 =$

12.  $-3\frac{3}{4} \div 5 =$

13.  $5\frac{1}{2} \div -2 =$

14.  $-7\frac{1}{2} \div 5 =$

15.  $-10\frac{2}{3} \div -8 =$



## Division of Integers

**Reminder:** In division of fractions, the fraction on the left takes on multiplicative inverse which makes the division sign to change to multiplication.

For example:  $\frac{2}{5} \div \frac{2}{5} = \frac{2}{5} \times \frac{5}{2}$

### Answers

1.  $\frac{2}{3} \times \frac{1}{3} = \frac{2}{9}$

2.  $\frac{4}{3} \times \frac{1}{9} = \frac{4}{27}$

3.  $\frac{3}{5} \times \frac{5}{3} = 1$

4.  $\frac{-27}{5} \times \frac{1}{9} = \frac{-3}{5}$

5.  $\frac{5}{8} \times \frac{1}{5} = \frac{1}{8}$

6.  $\frac{-14}{3} \times \frac{1}{2} = -2\frac{1}{3}$

7.  $\frac{-4}{7} \times \frac{7}{-2} = 2$

8.  $8 \times \frac{-2}{5} = -3\frac{1}{5}$

9.  $-6 \times \frac{-3}{7} = 2\frac{4}{7}$

10.  $\frac{9}{7} \times \frac{-3}{8} = \frac{-27}{56}$

11.  $\frac{9}{10} \times \frac{1}{3} = \frac{3}{10}$

12.  $\frac{-15}{4} \times \frac{1}{5} = \frac{-3}{4}$

13.  $\frac{11}{2} \times \frac{-1}{2} = -2\frac{3}{4}$

14.  $\frac{-15}{2} \times \frac{1}{5} = 1\frac{1}{2}$

15.  $\frac{-32}{3} \times \frac{-1}{8} = 1\frac{1}{3}$