

Student Name _____

Date _____

Grade 6 Practice Set Solutions

6.NS.A.1.TB.E1.E2

Divide Fraction by Fraction

1

The equation shown has an unknown number.

$$\square \div \frac{2}{3} = \frac{3}{4}$$

Enter a fraction that makes the equation true. ($\frac{1}{2}$)

2

The equation shown has an unknown number.

$$\frac{8}{9} \div \frac{4}{3} = \square$$

Enter a number that makes the equation true. ($\frac{2}{3}$)

3

The equation shown has an unknown number.

$$\frac{2}{3} \div \square = \frac{6}{8}$$

Enter a fraction that makes the equation true. ($\frac{8}{9}$)

4

A recipe requires $\frac{3}{4}$ cup of nuts for 1 batch of muffins.

Enter the number of batches of muffins that can be made using $7\frac{1}{2}$ cups of nuts. (10)

5

What is the value of $2 \div \frac{3}{4}$ in fraction form?
(2 2/3)

6

Nina used $3\frac{3}{4}$ liters of water to completely fill 3 water bottles.

If the water bottles are all the same size, how many liters of water does each bottle hold? Enter your answer in the response box.

1 1/4