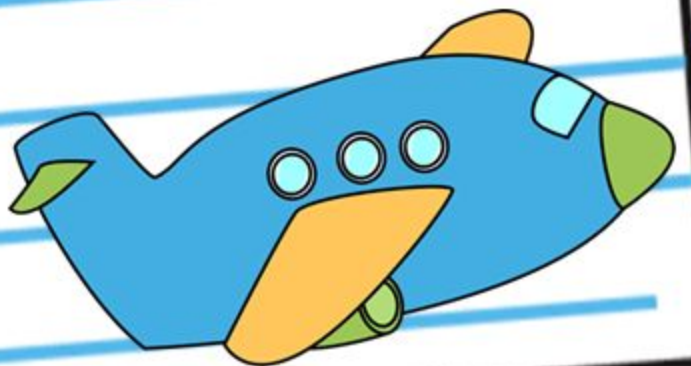


6.NS.1

Interactive Notebook

I can interpret and compute quotients of fractions, and solve word problems involving division of fractions by fractions, e.g., by using visual fraction models and equations to represent the problem.



● 6.NS.1



Vocabulary

Match each definition to the correct word.

Quotient

● **Dividend**

Divisor

Numerator

● **Denominator**

Cut and paste the following definitions to the vocabulary page.

the number on top of a fraction

**the number into which the dividend
is divided**

the result of a division problem

**the number on the bottom of a
fraction**

the number being divided

6.NS.1



Solve each problem. Circle the correct answer.

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

a. $\frac{1}{5}$

b. $\frac{3}{5}$

c. $1 \frac{1}{5}$

d. $1 \frac{1}{3}$

2. $\frac{7}{2} \div \frac{3}{5} =$

a. $5 \frac{1}{2}$

b. $4 \frac{5}{6}$

c. $5 \frac{5}{6}$

d. $4 \frac{1}{2}$

3. $3 \div \frac{5}{6} =$

a. $3 \frac{3}{5}$

b. $3 \frac{5}{6}$

c. $3 \frac{2}{3}$

d. $2 \frac{2}{3}$

4. $\frac{1}{8} \div 2 \frac{3}{4} =$

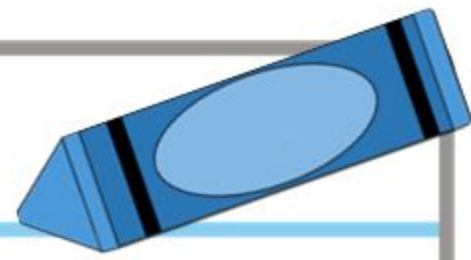
a. $\frac{1}{32}$

b. $2 \frac{1}{3}$

c. $\frac{1}{22}$

d. $2 \frac{1}{2}$

● 6.NS.1



Solve each problem.

1. $\frac{9}{4} \div \frac{3}{7} =$

2. $\frac{6}{7} \div \frac{1}{5} =$

● 3. $5 \div \frac{1}{12} =$

4. $\frac{5}{2} \div 4\frac{3}{8} =$

5. $1\frac{4}{9} \div \frac{1}{6} =$

6. $\frac{8}{5} \div 3 =$

●

● 6.NS.1

Solve each problem.

1. Michael cut 5 shelves of equal length out of $3\frac{1}{3}$ yards of wood. How long was each shelf?

2. Linda studied for a total of $6\frac{3}{4}$ hours during the 3 days before her math test. If she studied for the same amount of time each day, how much time did she spend studying each day?



- 6.NS.1

Draw a model to illustrate and solve each problem.

1. $\frac{1}{2} \div \frac{1}{4} =$

-

2. $\frac{3}{4} \div \frac{1}{2} =$

-

