

Name:

Number System & Ratios Review

Date:

1.

6.NS.A.1

Find the quotient.

$$\frac{7}{8} \div \frac{1}{7}$$

2.

6.NS.A.1

Frank bought $\frac{9}{10}$ of a yard of fabric. He will need $\frac{2}{7}$ of a yard to make a small pillow. How many pillows will he be able to make? How much fabric will Frank have leftover?

3.

6.NS.B.4

Ms. Cox picks up Jake from art class every 3rd day and Ron from music class every 5th day. What is the first day Ms. Cox will need to pick up both Jake and Ron?

4.

6.RP.A.3, 6.RP.A.3.A

Complete the table.

napkins	people
6	2
12	4
15	
24	

5.

6.RP.A.2

A punch recipe requires 2 cups of cranberry juice to make 3 gallons of punch. Using the same recipe, what is the amount of cranberry juice needed for 1 gallon of punch?

6.

6.RP.A.3.B

A leaky faucet is losing water and is filling a 5-gallon bucket every 20 hours. At that rate, how many gallons of water will the faucet leak in 48 hours?

7.

6.RP.A.3.C

A dress costs \$63. If the store is having a 20% off sale, how much does the dress cost now?

8.

6.RP.A.3.C

Brian has 75 pieces of candy. 45 pieces of his candy are chocolate. What percentage of his candy is chocolate?