

Name: Key Period: _____ Date: _____

Parent/Guardian's Signature: _____

First Six Weeks Test Review

1. Jackie has 3.675 pounds of candy. If she wants to share the candy equally with six friends, how much candy should each of the friends expect to get?

$$3.675 \div 6$$

$$\begin{array}{r} 0.6125 \\ 6 \overline{) 3.6750} \\ \underline{-36} \\ 07 \\ \underline{-6} \\ 15 \\ \underline{-12} \\ 30 \\ \underline{-30} \\ 0 \end{array}$$

0.6125 pounds each

2. I spent \$583.20 on twelve video games. If they each cost the same price, how much did I pay for one video game?

$$583.20 \div 12$$

$$\begin{array}{r} 48.60 \\ 12 \overline{) 583.20} \\ \underline{-48} \\ 103 \\ \underline{-96} \\ 72 \\ \underline{-72} \\ 0 \end{array}$$

Each videogame cost \$48.60

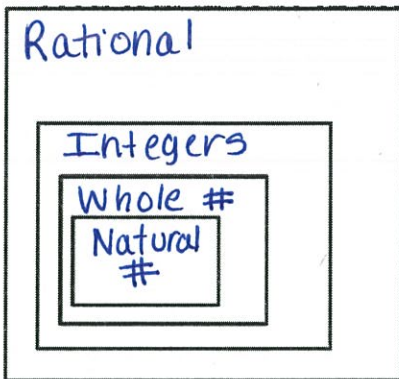
3. I ran four days (Monday – Thursday) after school last week. I ran the same distance each day. If I ran a total of 13.7 miles, how many miles did I run on Monday?

$$13.7 \div 4$$

$$\begin{array}{r} 3.425 \\ 4 \overline{) 13.700} \\ \underline{-12} \\ 17 \\ \underline{-16} \\ 10 \\ \underline{-8} \\ 20 \\ \underline{-20} \\ 0 \end{array}$$

I ran 3.425 miles on Monday

4. Label the following Venn diagram with the words integers, natural numbers, rational numbers, and whole numbers in order to show the best relationship.



True or False. Why?

Yes True

5. All whole numbers are integers.

Integers include all whole numbers and their opposites.

False

6. All rational numbers are natural numbers.

Some rational numbers are fractions which are not natural numbers.

7. I need to pay \$125.47 for a band field trip. I have participated in three fundraisers so far this year. I sold candy and earned \$24.72. I did a bake sale and earned \$42. I worked at a car wash and earned \$37.15. How much more money will I need to earn to go on the field trip?

$$\begin{array}{r} 24.72 \\ 42.00 \\ + 37.15 \\ \hline 103.87 \end{array}$$

earned so far

$$\begin{array}{r} 125.47 \\ - 103.87 \\ \hline 21.60 \end{array}$$

I still need to earn \$21.60

8. Bobby bought 2.4 gallons of gas for \$2.45 per gallon. Larry bought 1.9 gallons of gas for \$2.80 per gallon. Which of them spent more money on gas, Bobby or Larry? How much more did he spend?

$$2.45 \times 2.4$$

$$\begin{array}{r} 245 \\ \times 24 \\ \hline 980 \\ 4900 \\ \hline 5880 \end{array}$$

Bobby \$5.88

$$2.80 \times 1.9$$

$$\begin{array}{r} 280 \\ \times 19 \\ \hline 2520 \\ 2800 \\ \hline 5320 \end{array}$$

Larry \$5.32

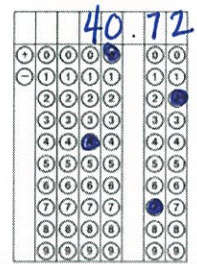
Bobby spent \$0.56 more

9. I bought 17 bags of blow pops on line that cost \$2.16 each. I paid \$4 for delivery. How much did the blow pops cost me?

$$2.16 \times 17$$

$$\begin{array}{r} 216 \\ \times 17 \\ \hline 1512 \\ 2160 \\ \hline 3672 \end{array}$$

$$\begin{array}{r} 36.72 \\ + 4.00 \\ \hline 40.72 \end{array}$$

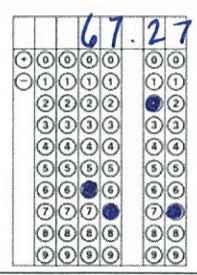


10. The Bears ran for 2.7 yards, 8 yards and 12.03 yards on their first three plays. If the endzone was 90 yards away before they started running their plays, how many more yards will they need to score a touchdown?

$$\begin{array}{r} 2.70 \\ + 8.00 \\ + 12.03 \\ \hline 22.73 \end{array}$$

$$\begin{array}{r} 90.00 \\ - 22.73 \\ \hline 67.27 \end{array}$$

more yards



11. Allison bought 1.2 yards of fabric to make a shirt. If the fabric costs \$12.45 per yard, how much did she spend?

$$12.45 \times 1.2$$

$$\begin{array}{r} 1245 \\ \times 12 \\ \hline 2490 \\ 12450 \\ \hline 14940 \end{array}$$

\$14.94

