

Park City Prep
Charter School
Math Summer Packet

2016

4th Grade into 5th Grade

All work is required for each problem. It is mandatory that all Park City Prep students complete the summer math packet. This packet will be collected the first day of school by your child's Math teacher. Failure to complete this packet will significantly affect your child's first term Math grade.

Name: _____

Multiplication



Multiply.

Name _____

$1 \times 1 =$

$7 \times 0 =$

$4 \times 4 =$

$3 \times 8 =$

$7 \times 5 =$

$8 \times 4 =$

$2 \times 7 =$

$4 \times 3 =$

$1 \times 0 =$

$2 \times 4 =$

$7 \times 4 =$

$3 \times 3 =$

$9 \times 6 =$

$5 \times 5 =$

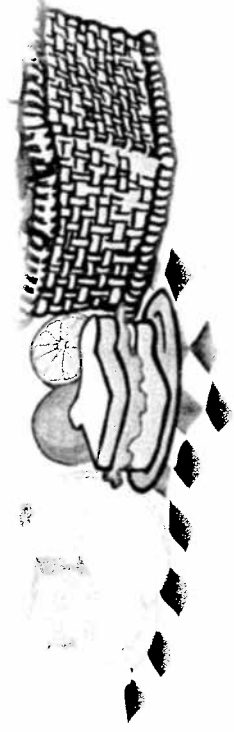
$6 \times 3 =$



$1 \times 7 =$

$3 \times 7 =$

$6 \times 0 =$



Multiplication

Multiplication



Multiply.

Name _____

$$\begin{array}{r} 73 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 96 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 65 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ \times 7 \\ \hline \end{array}$$

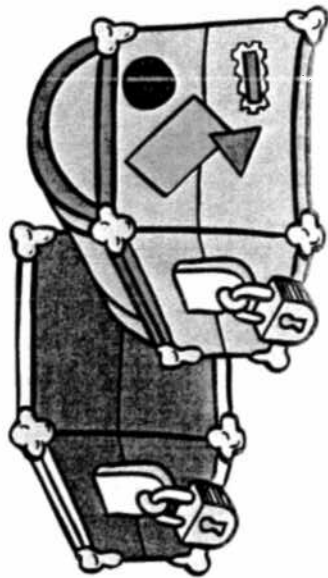
$$\begin{array}{r} 74 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 71 \\ \times 0 \\ \hline \end{array}$$



■ Whole Numbers: Addition and Subtraction Posttest

1.
$$\begin{array}{r} 34 \\ +67 \\ \hline \end{array}$$

Answer: _____

6. $7,100 - 489 =$

Answer: _____

2. A florist has 86 roses. 28 are red roses. How many are not red roses?

Answer: _____

7. $3,105 + 827 =$

Answer: _____

3.
$$\begin{array}{r} 12,607 \\ 8,348 \\ 493 \\ + 5,726 \\ \hline \end{array}$$

Answer: _____

8.
$$\begin{array}{r} 7,016 \\ - 307 \\ \hline \end{array}$$

Answer: _____

4. Henrick added \$236 to his savings of \$1,340. How much does he have in his savings altogether?

Answer: _____

9. In 1990 the population of Richmond was 35,414. According to the census in 2000, the population was 3,837 more than in 1990. What was the population in 2000?

Answer: _____

5. $347 + 1,279 + 856 =$

Answer: _____

10. $573 + 408 =$

Answer: _____

11. The Declaration of Independence was adopted by the Continental Congress in 1776. How old was the Declaration of Independence in 2002?

Answer: _____

16. The Ohio River is 981 miles long, and the Mississippi River is 2,340 miles long. How much longer is the Mississippi River than the Ohio River?

Answer: _____

12. Take 246 from 642.

Answer: _____

17. Meg's credit card purchases total \$305. The finance charge is \$15. How much is Meg's total bill?

Answer: _____

13. $4,258 + 67 + 2,308 =$

Answer: _____

18. From 2,500 take 1,097.

Answer: _____

14. From 834 subtract 86.

Answer: _____

19. Heather makes \$26,250 a year. If she gets a yearly raise of \$1,375, what will be her new salary?

Answer: _____

15. Take 406 from 6,309.

Answer: _____

20. Mereille wants to buy a bike that costs \$205. She has saved \$117. How much more money does Mereille need to save?

Answer: _____

■ Whole Numbers: Multiplication and Division Posttest

1.
$$\begin{array}{r} 47 \\ \times 53 \\ \hline \end{array}$$

Answer: _____

6. $3 \overline{)1,377}$

Answer: _____

2. The Luchaks bought 3 train tickets for \$249. How much did each ticket cost?

Answer: _____

7. $806 \times 52 =$

Answer: _____

3.
$$\begin{array}{r} 521 \\ \times 74 \\ \hline \end{array}$$

Answer: _____

8. $53 \overline{)21,571}$

Answer: _____

4. If Oscar saves \$15 each week, how much will he save in 8 weeks?

Answer: _____

9. The Robinsons pay \$420 a month for rent. How much rent do they pay in one year?

Answer: _____

5. $29 \times 53 =$

Answer: _____

10. $178 \times 90 =$

Answer: _____

11. Sarah has been saving \$45 a month to buy a new washing machine. How many months has it taken her to save \$495?

Answer: _____

16. Susan bought 4 gallons of paint for \$36. How much did she pay for each gallon?

Answer: _____

12. $90 \overline{)7,470}$

Answer: _____

17. Juan has 9 fifty-dollar bills. How much money is this altogether?

Answer: _____

13.
$$\begin{array}{r} 364 \\ \times 28 \\ \hline \end{array}$$

Answer: _____

18. $56 \overline{)21,672}$

Answer: _____

14. $75 \overline{)13,125}$

Answer: _____

19. Each classroom in Hawthorne Junior High School is designed to hold 32 students. If there are 17 classrooms in the school, how many students can attend the school?

Answer: _____

15. $32 \overline{)12,997}$

Answer: _____

20. There are 16 ounces in a pound. How many pounds are there in a carton that weighs 128 ounces?

Answer: _____

Decimals: Addition and Subtraction Pretest

1. In the number 9.472, which digit is in the tenths place?

Answer: _____

$$\begin{array}{r} 6. \quad 29.2 \\ \quad 7.76 \\ + \quad 3.87 \\ \hline \end{array}$$

Answer: _____

2. Use numbers to write eight and thirty-six hundredths.

Answer: _____

7. $7.22 + 93.61 + 5.27 =$

Answer: _____

3. Which of the following decimals has the same value as .42: .042, .0042, .420, or 4.2?

Answer: _____

8. $17.2 + 9.74 + 3 =$

Answer: _____

4. Which of the following decimals has the greatest value: 2.055, 2.5, or 2.499?

Answer: _____

9. $192.3 + 3.01 + 91.19 =$

Answer: _____

5. $18 + 3.27 =$

Answer: _____

$$\begin{array}{r} 10. \quad 19.06 \\ \quad - 5.39 \\ \hline \end{array}$$

Answer: _____

11. $4.3 - 4.08 =$

Answer: _____

16. Ken has \$14.35 more than Mary. Mary has \$9.35. How much money does Ken have?

Answer: _____

12. $43 - 9.36 =$

Answer: _____

17. The distance from Jefferson to Beacon is 49.6 miles. The distance from Beacon to Mayville is 36.7 miles. What is the total distance from Jefferson to Mayville by way of Beacon?

Answer: _____

13. $21.3 - 3.56 =$

Answer: _____

18. Susan's normal temperature is 98.6° . When sick, Susan's temperature reached 103° . How much above normal was her temperature when she had a fever?

Answer: _____

14. $41 - 18.65 =$

Answer: _____

19. A plumber welded a pipe that was 11.5 inches long onto another piece of pipe that was 8.75 inches long. What was the length of the joined pieces?

Answer: _____

15. Luis had \$20.00. If he spent \$12.53, how much money did he have left?

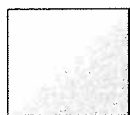
Answer: _____

20. The town of Jefferson wants to raise \$1.2 million for a new sports center. So far they have raised \$.88 million. How much more money do they need?

Answer: _____

■ Fractions: The Meaning of Fractions Pretest

1. Which two fractions are represented in this drawing:



$\frac{2}{4}$, $\frac{1}{3}$, or $\frac{1}{2}$?

Answer: _____

6. Change $\frac{2}{3}$ to an equivalent fraction with a denominator of 15.

Answer: _____

2. If a whole is divided into 6 equal parts, 1 part is what fraction of the whole?

Answer: _____

7. Change $\frac{8}{9}$ to an equivalent fraction with a denominator of 18.

Answer: _____

3. Which is larger, $\frac{1}{7}$ or $\frac{1}{8}$?

Answer: _____

8. Change $\frac{3}{4}$ to an equivalent fraction with a denominator of 28.

Answer: _____

4. What is largest, $\frac{1}{6}$, $\frac{3}{6}$, or $\frac{5}{6}$?

Answer: _____

9. On a quiz with 10 questions, Sam got 3 wrong. What fraction of the questions did Sam get wrong?

Answer: _____

5. Change $\frac{1}{2}$ to an equivalent fraction with a denominator of 12.

Answer: _____

10. Jed has 12 pairs of socks. 8 pairs of his socks are white. What fraction of his socks are white? Express the answer in simplest form.

Answer: _____

11. A pizza was cut into 8 equal slices. Tim and Sharon ate 6 slices. What fraction of the pizza did they eat? Express the answer in simplest form.

Answer: _____

16. Change $\frac{35}{50}$ to a fraction in simplest form.

Answer: _____

12. A yard is equal to 36 inches. 16 inches are what fraction of a yard? Express the answer in simplest form.

Answer: _____

17. What is the decimal value of $\frac{3}{8}$ to three decimal places?

Answer: _____

13. Change $\frac{8}{32}$ to a fraction in simplest form.

Answer: _____

18. Write $\frac{1}{6}$ in decimal form to the hundredths place. Write any remainder as a fraction.

Answer: _____

14. Write $\frac{4}{12}$ in simplest form.

Answer: _____

19. Find the decimal form of $\frac{7}{4}$.

Answer: _____

15. Write $\frac{6}{10}$ in simplest form.

Answer: _____

20. What is the decimal value of $\frac{11}{10}$?

Answer: _____