

Rising First through Fifth Grade Summer Math Maintenance

Dear Parents,

Summer is nearly here - hooray! While we look forward to a summer of rest and relaxation, we want to ensure that our students do enough math review and practice to keep their skills sharp for the fall! The purpose of this packet is to make sure you have options that will work for you and your child(ren). Students are encouraged to keep up their arithmetic skills, review math concepts, and continue to explore other topics they are interested in. Intentionally incorporating math into daily activities will promote student success in the new school year. Math packets for each grade will be collected in the fall and students will receive a treat for completing them. Have a wonderful summer!

Required Skills:

It is expected that all students third grade and up are proficient with 0-12 multiplication facts. Multiplication is fundamental to more advanced work in math. 5-10 minutes of practice per day can make a big difference!

Math Practice Options:

Students currently in grades kindergarten through fourth grade will receive a math packet at the end of the year from their current math teacher to complete; this is their primary source for skill review.

For students who finish their packets early and are ready for more – here are some ideas and resources for math practice for all students:

- Flashcards (either printed or online)
- Games (board games and online)
- Review math books - pick one up from Target or even the grocery store!
- Free printable worksheets:
 - Math-Aids.com – answers included
 - math-drills.com – answers included
 - Webmathminute.com
- Online instruction and practice
 - Khan Academy – free
 - Khan Academy Kids – free app with no ads; for children ages 2-8
 - IXL (\$13-\$20 monthly subscription) – targeted concepts
- Games (A search will yield many results. Here's a small sample.)
 - MathPlayground.com – developed by a teacher; free
 - PuzzlePlayground.com – developed by a teacher; free
 - Primary Games. Math Flashcards – free
 - BuzzMath - free 30-day trial

Name : _____

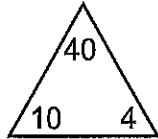
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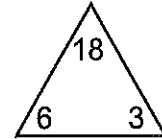
Complete Each Family of Facts

1)



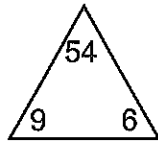
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4)



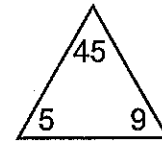
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2)



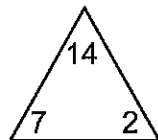
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5)



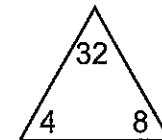
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3)



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6)



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Name : _____

Score : _____

Teacher : _____

Date : _____

Mean, Mode, Median, and Range

1) 9, 7, 7, 9, 7, 2, 8, 9, 5

Mean ____ Median ____ Mode ____ Range ____

6) 4, 2, 5, 6, 9, 2, 1, 3

Mean ____ Median ____ Mode ____ Range ____

2) 8, 8, 7, 5, 3, 7, 4

Mean ____ Median ____ Mode ____ Range ____

7) 5, 8, 5, 5, 5, 2, 4, 6

Mean ____ Median ____ Mode ____ Range ____

3) 3, 5, 4, 6, 4, 5, 8

Mean ____ Median ____ Mode ____ Range ____

8) 5, 9, 2, 9, 5

Mean ____ Median ____ Mode ____ Range ____

4) 2, 9, 5, 10, 9

Mean ____ Median ____ Mode ____ Range ____

9) 4, 9, 7, 2, 7, 7

Mean ____ Median ____ Mode ____ Range ____

5) 7, 2, 9, 9, 7, 4, 8, 9, 8

Mean ____ Median ____ Mode ____ Range ____

10) 3, 2, 3, 8, 5, 3

Mean ____ Median ____ Mode ____ Range ____



Name : _____

Score : _____

Teacher : _____

Date : _____

Word Problems

- 1) At an amusement park, Joan wants to ride a rollercoaster that costs 30 tickets, a bumper car that costs 15 tickets, and a merry-go-round that costs 19 tickets. Joan had 25 tickets, but lost 6 of them on a ride. How many more tickets does she need? _____
- 2) Joan wants 108 cupcakes for her party. Joan has already made 48 vanilla cupcakes, and 24 fudge cupcakes. How many more cupcakes does Joan need to make? _____
- 3) Joan made 3 different stacks of wooden blocks. The first stack was 5 blocks high, the second stack was 8 block(s) higher than the first, and the final stack was 5 block(s) higher than the second. In total, how many blocks did Joan use for all 3 stacks? _____
- 4) For soccer season, Nancy decided to buy a ball for \$8.90, new shorts for \$29.20, as well as a pair of soccer shoes for \$45.90. Nancy currently has \$22.20, and a coupon for \$14.00 off her purchase. How much more money does Nancy need to complete her purchase? _____
- 5) Before getting to school, Joan has a few errands to run. Joan has to walk 11 blocks to the store, and 10 blocks to the museum, before walking the final 4 blocks to arrive at school. If Joan has already walked 12 blocks, how many more blocks must she walk before arriving at school? _____
- 6) John wanted to save money to buy a new outfit. John saved \$23.60 in June, \$21.50 in July and \$25.70 in August. However, he also had to spend \$21.80 on school supplies and \$47.10 on his dog. If the outfit costs \$185.70, how much money does John still need to save? _____
- 7) Benny wants several different color plates for his birthday. Benny wants to get 96 silver plates, 84 gold plates, and some amount of orange plates. In total, Benny wants 324 plates, so how many orange plates should he get? _____
- 8) Sara likes to collect coins. Sara got 38 coins from her brother, 21 coins from her mother, as well as 24 coins from Mike. However, Sara lost 29 coins before putting those coins into her piggybank. How many coins does Sara have in her piggybank? _____
- 9) For lunch, Peter bought a glass of juice for \$1.70, a reuben sandwich for \$5.30, as well as some cookies for \$3.20. The tax came out to \$1.80, and Peter paid with \$19.00. How much change should Peter receive? _____
- 10) Mike had 183 lynx stickers. Mike gave 73 stickers to Jason, 44 stickers to his sister and an additional 41 stickers to John. How many stickers does Mike still have? _____



Name : _____

Score : _____

Teacher : _____

Date : _____

Order of Operations

1) $(20 - 2) \times (8 - 3) + 6$

6) $(13 + 20 - 5) \div (7 + 7)$

2) $(13 - 4) \times (11 - 3) + 5$

7) $(9 + 2) + (16 + 18 \div 9)$

3) $8 \times (13 \times 6 - 3) + 10$

8) $(10 + 2) + (6 + 8 \div 2)$

4) $8 \times (2 \times 6 - 3) + 9$

9) $(13 + 25 - 6) \div (0 + 2)$

5) $(13 + 28 - 5) \div 12 - 7$

10) $(12 + 30 - 2) \div 2 - 7$



Name : _____

Score : _____

Teacher : _____

Date : _____

Word Problems

- 1) Mary has seven blue marbles Keith has six blue marbles.
How many blue marbles do they have in all ? _____
- 2) Jason has 36 muffins, which he needs to box up
into dozens. How many boxes does he need? _____
- 3) Keith has 7 books and he has read 2 books since yesterday. Sandy
bought 6 of Keith's books. How many books does Keith have now ? _____
- 4) Sara has thirty black and thirty - nine orange marbles. Sandy took fourteen
of Sara's black marbles. How many black marbles does Sara now have ? _____
- 5) There are 330 students at a school. If each
classroom holds 30 students, how many classrooms are needed at the school? _____
- 6) Nancy bought 7 dozen eggs from the grocery store to bake some cakes.
She plans to bake the cakes over 2 days. How many eggs did Nancy buy ? _____
- 7) Dan had twelve quarters in his bank. His dad gave him forty - six more quarters.
How many quarters does Dan have now ? _____
- 8) Jessica, Sara, Jason, and Dan each have forty - seven baseball cards. Sara
has forty - nine Pokemon cards. How many baseball cards do they have in all ? _____
- 9) Sally bought 285 crayons that came in packs of 15.
There were 6 colors of crayons. How many packs of crayons did Sally buy? _____
- 10) Sam's high school played 5 baseball games this year. He attended
3 games. How many baseball games did Sam miss ? _____



Name : _____

Score : _____

Teacher : _____

Date : _____

Adding Mixed Numbers

1) $5\frac{7}{21} + 9\frac{4}{7} =$

2) $1\frac{2}{4} + 5\frac{4}{8} =$

3) $6\frac{1}{20} + 8\frac{3}{4} =$

4) $6\frac{11}{27} + 5\frac{3}{9} =$

5) $6\frac{10}{21} + 4\frac{5}{7} =$

6) $3\frac{3}{10} + 9\frac{2}{4} =$

7) $5\frac{4}{9} + 6\frac{4}{27} =$

8) $6\frac{10}{13} + 9\frac{2}{26} =$

9) $1\frac{9}{22} + 5\frac{10}{11} =$

10) $2\frac{1}{4} + 4\frac{9}{16} =$

11) $4\frac{6}{21} + 4\frac{1}{7} =$

12) $1\frac{3}{5} + 8\frac{5}{20} =$

13) $4\frac{2}{16} + 7\frac{2}{8} =$

14) $5\frac{3}{6} + 6\frac{2}{3} =$

15) $5\frac{4}{20} + 7\frac{4}{5} =$

Name : _____

Score : _____

Teacher : _____

Date : _____

Word Problems

- 1) You can buy 3 apples at the Quick Market for \$1.11. You can buy 5 of the same apples at Stop and Save for \$2.45. Which place is the better buy? _____

- 2) A jet travels 520 miles in 2 hours. At this rate, how far could the jet fly in 8 hours? What is the rate of speed of the jet? _____

- 3) The bakers at Healthy Bakery can make 350 bagels in 10 hours. How many bagels can they bake in 19 hours? What was that rate per hour? _____

- 4) Gas mileage is the number of miles you can drive on a a gallon of gasoline. A test of a new car results in 300 miles on 10 gallons of gas. How far could you drive on 50 gallons of gas? What is the car's gas mileage? _____

- 5) A ferris wheel can accommodate 40 people in 25 minutes. How many people could ride the ferris wheel in 6 hours? What was that rate per hour? _____

- 6) An ice cream factory makes 330 quarts of ice cream in 10 hours. How many quarts could be made in 12 hours? What was that rate per day? _____

- 7) You can buy 5 cans for green beans at the Village Market for \$2.70. You can buy 10 of the same cans of beans at Sam's Club for \$4.30. Which place is the better buy? _____



Name : _____

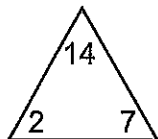
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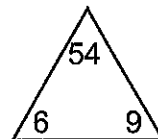
Complete Each Family of Facts

1)



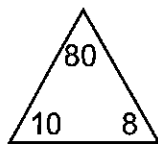
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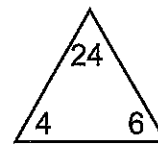
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2)



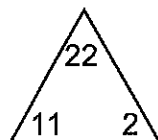
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5)



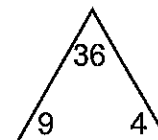
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3)



$$\begin{array}{rcl} \square & \times & \square = \square \\ \square & \times & \square = \square \\ \square & \div & \square = \square \\ \square & \div & \square = \square \end{array}$$

6)



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Name : _____

Score : _____

Teacher : _____

Date : _____

Mean, Mode, Median, and Range

1) 9, 2, 9, 3, 7

Mean ____ Median ____ Mode ____ Range ____

6) 4, 3, 5, 3, 5

Mean ____ Median ____ Mode ____ Range ____

2) 9, 7, 6, 8, 9, 2, 8

Mean ____ Median ____ Mode ____ Range ____

7) 7, 4, 2, 6, 3, 8, 3, 7

Mean ____ Median ____ Mode ____ Range ____

3) 9, 1, 8, 8, 2, 2, 4, 6, 3, 7

Mean ____ Median ____ Mode ____ Range ____

8) 2, 8, 8, 2, 5, 9, 3, 3

Mean ____ Median ____ Mode ____ Range ____

4) 5, 8, 9, 4, 6, 7, 9, 8, 7

Mean ____ Median ____ Mode ____ Range ____

9) 4, 4, 2, 6, 5, 6, 7, 7, 4

Mean ____ Median ____ Mode ____ Range ____

5) 9, 2, 2, 7, 7, 9, 4, 4, 2, 4

Mean ____ Median ____ Mode ____ Range ____

10) 8, 2, 7, 8, 2, 7, 8

Mean ____ Median ____ Mode ____ Range ____



Name : _____

Score : _____

Teacher : _____

Date : _____

Word Problems

- 1) Benny wants several different color plates for his birthday. Benny wants to get 144 gold plates, 96 silver plates, and some amount of orange plates. In total, Benny wants 360 plates, so how many orange plates should he get? _____
- 2) Jason made 3 different stacks of wooden blocks. The first stack was 4 blocks high, the second stack was 9 block(s) higher than the first, and the final stack was 4 block(s) higher than the second. In total, how many blocks did Jason use for all 3 stacks? _____
- 3) Mike had 150 deer stickers. Mike gave 33 stickers to Keith, 36 stickers to his sister and an additional 25 stickers to Sally. How many stickers does Mike still have? _____
- 4) For softball season, Nancy decided to buy a ball for \$7.10, new shorts for \$17.00, as well as a pair of softball shoes for \$41.90. Nancy currently has \$16.30, and a coupon for \$11.00 off her purchase. How much more money does Nancy need to complete her purchase? _____
- 5) At an amusement park, Peter wants to ride a rollercoaster that costs 35 tickets, a bumper car that costs 30 tickets, and a merry-go-round that costs 31 tickets. Peter had 23 tickets, but lost 9 of them on a ride. How many more tickets does he need? _____
- 6) Sandy likes to collect coins. Sandy got 37 coins from her brother, 20 coins from her mother, as well as 23 coins from Keith. However, Sandy lost 22 coins before putting those coins into her piggybank. How many coins does Sandy have in her piggybank? _____
- 7) Jason wants 120 cupcakes for his party. Jason has already made 60 cherry cupcakes, and 24 berry cupcakes. How many more cupcakes does Jason need to make? _____
- 8) Sandy wanted to save money to buy a new outfit. Sandy saved \$26.70 in May, \$24.10 in June and \$20.70 in July. However, she also had to spend \$25.60 on school supplies and \$48.00 on her dog. If the outfit costs \$138.80, how much money does Sandy still need to save? _____
- 9) Before getting to school, Sandy has a few errands to run. Sandy has to walk 12 blocks to the library, and 9 blocks to the store, before walking the final 5 blocks to arrive at school. If Sandy has already walked 8 blocks, how many more blocks must she walk before arriving at school? _____
- 10) For lunch, Sara bought a glass of soda for \$1.30, a chicken sandwich for \$4.60, as well as some brownies for \$2.10. The tax came out to \$1.70, and Sara paid with \$19.00. How much change should Sara receive? _____



Name : _____

Score : _____

Teacher : _____

Date : _____

Order of Operations

1) $5 \times 5 \times (8 + 3)$

6) $(8 + 28) \div (2 + 7)$

2) $(12 + 20 - 4) \div 14$

7) $(21 + 5) \times 11 - 2$

3) $(15 + 3) + 14 \div 2$

8) $(13 - 5) \times 9 - 5$

4) $(15 + 5) + 16 \div 2$

9) $(13 + 18 - 3) \div 2$

5) $5 \times 12 \times (6 - 7)$

10) $(10 + 18) \div (2 + 5)$



Name : _____

Score : _____

Teacher : _____

Date : _____

Word Problems

- 1) Jason's high school played 39 football games this year, 2 of the games were played at night. He attended 32 games. How many football games did Jason miss ? _____
- 2) There are seven hundred twenty students at a school. If each classroom holds thirty students, how many classrooms are needed at the school? _____
- 3) There are six children in the classroom, each student will get seven pencils. How many pencils will the teacher have to give out ? _____
- 4) Nancy found thirteen seashells and Jason found twenty - two seashells on the beach. When they cleaned them, they discovered that twenty - seven were cracked. How many seashells did they find together ? _____
- 5) There were a total of 18 soccer games in the season. The season is played for 6 months. How many soccer games were played each month, if each month has the same number of games? _____
- 6) There are 45 scissors and 14 crayons in the drawer. Fred took 32 scissors from the drawer. How many scissors are now in the drawer ? _____
- 7) There are three pine trees and four maple trees currently in the park. Park workers will plant two more pine trees today. How many pine trees will the park have when the workers are finished ? _____
- 8) Sara bought 735 crayons that came in packs of 15. There were 5 colors of crayons. How many packs of crayons did Sara buy? _____
- 9) Dan went to six basketball games this year. He went to four games last year. How many basketball games did Dan go to in total ? _____
- 10) There are twenty - two calories in a candy bar. Tim ate forty - one candy bars. How many calories are there in twenty - seven candy bars ? _____



Name : _____

Score : _____

Teacher : _____

Date : _____

Adding Mixed Numbers

1) $2\frac{3}{4} + 6\frac{6}{24} =$

2) $3\frac{5}{28} + 8\frac{6}{14} =$

3) $4\frac{4}{7} + 7\frac{2}{4} =$

4) $1\frac{6}{21} + 4\frac{3}{7} =$

5) $5\frac{8}{10} + 6\frac{1}{20} =$

6) $1\frac{10}{26} + 5\frac{5}{13} =$

7) $2\frac{12}{16} + 4\frac{2}{8} =$

8) $2\frac{3}{11} + 6\frac{5}{22} =$

9) $2\frac{1}{3} + 9\frac{6}{12} =$

10) $5\frac{2}{6} + 4\frac{3}{4} =$

11) $5\frac{2}{8} + 8\frac{4}{16} =$

12) $3\frac{4}{7} + 9\frac{11}{14} =$

13) $4\frac{1}{3} + 4\frac{6}{18} =$

14) $2\frac{5}{9} + 5\frac{6}{27} =$

15) $4\frac{4}{9} + 7\frac{4}{27} =$



Name : _____

Score : _____

Teacher : _____

Date : _____

Word Problems

- 1) You can buy 3 apples at the Quick Market for \$1.08. You can buy 5 of the same apples at Stop and Save for \$2.55. Which place is the better buy? _____

- 2) Gas mileage is the number of miles you can drive on a a gallon of gasoline. A test of a new car results in 400 miles on 20 gallons of gas. How far could you drive on 40 gallons of gas? What is the car's gas mileage? _____

- 3) The bakers at Healthy Bakery can make 160 bagels in 2 hours. How many bagels can they bake in 13 hours? What was that rate per hour? _____

- 4) An ice cream factory makes 310 quarts of ice cream in 5 hours. How many quarts could be made in 48 hours? What was that rate per day? _____

- 5) You can buy 5 cans for green beans at the Village Market for \$2.90. You can buy 10 of the same cans of beans at Sam's Club for \$7.90. Which place is the better buy? _____

- 6) A ferris wheel can accommodate 60 people in 15 minutes. How many people could ride the ferris wheel in 6 hours? What was that rate per hour? _____

- 7) A jet travels 430 miles in 2 hours. At this rate, how far could the jet fly in 8 hours? What is the rate of speed of the jet? _____



Name : _____

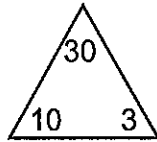
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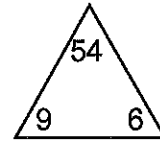
Complete Each Family of Facts

1)



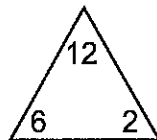
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4)



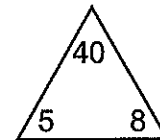
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2)



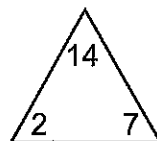
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5)



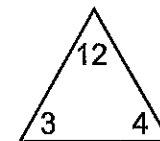
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3)



$$\begin{array}{rcl} \square & \times & \square = \square \\ \square & \times & \square = \square \\ \square & \div & \square = \square \\ \square & \div & \square = \square \end{array}$$

6)



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Name : _____

Score : _____

Teacher : _____

Date : _____

Mean, Mode, Median, and Range

1) 13, 17, 10, 11, 9, 13, 19, 8, 5, 5

Mean ____ Median ____ Mode ____ Range ____

6) 8, 13, 6, 9, 14

Mean ____ Median ____ Mode ____ Range ____

2) 12, 12, 6, 20, 13, 16, 8, 13, 12, 8

Mean ____ Median ____ Mode ____ Range ____

7) 7, 7, 14, 11, 16

Mean ____ Median ____ Mode ____ Range ____

3) 20, 7, 12, 11, 7, 15, 19

Mean ____ Median ____ Mode ____ Range ____

8) 19, 16, 6, 17, 10, 14, 19, 19

Mean ____ Median ____ Mode ____ Range ____

4) 16, 14, 18, 19, 17, 12

Mean ____ Median ____ Mode ____ Range ____

9) 18, 9, 18, 6, 14, 6, 12, 15, 10

Mean ____ Median ____ Mode ____ Range ____

5) 11, 8, 9, 14, 9, 18, 7, 15, 8

Mean ____ Median ____ Mode ____ Range ____

10) 11, 10, 18, 15, 17, 10, 14, 17

Mean ____ Median ____ Mode ____ Range ____



Name : _____

Score : _____

Teacher : _____

Date : _____

Word Problems

- 1) There are 33 children in the classroom, each student will get 28 pencils.
How many pencils will the teacher have to give out ? _____
- 2) There were a total of three football games a month. The season is played for
four months. How many football games are in the seasons ? _____
- 3) Jason earns \$12.50 an hour cleaning houses, but doesn't work on Saturday or Sunday.
If he works from 8:00am to 1:00pm, how much money will he make ? _____
- 4) Sandy bought eight dozen eggs from the grocery store to bake some cakes.
How many eggs did Sandy buy ? _____
- 5) Joan, Melanie, Fred, and Keith each have 12 baseball cards. Melanie
has 34 Pokemon cards. How many baseball cards do they have in all ? _____
- 6) Melanie has eighteen green marbles and forty-three blue marbles. Tim has eight times
more green marbles than Melanie. How many green marbles does Tim have ? _____
- 7) Alyssa has 3 dozen golf balls and 4 are used.
How many golf balls does she have ? _____
- 8) Tom has saved 41 quarters from washing cars.
How many cents does Tom have ? _____
- 9) Fred has 29 books. Sara has 8 times more books than
Fred. How many books does Sara have ? _____
- 10) There are eleven calories in a candy bar. Keith ate eight candy bars.
How many calories are there in thirty-seven candy bars ? _____



Name : _____

Score : _____

Teacher : _____

Date : _____

Order of Operations

1) $2 \times 10 \times (5 + 7)$

6) $(15 - 3) + 16 \div 2$

2) $(12 + 24) \div (14 + 4)$

7) $(9 + 31) \div (-2 + 7)$

3) $(12 + 5) + 14 \div 7$

8) $5 \times 6 \times (2 - 5)$

4) $(15 + 40 - 5) \div 2$

9) $(21 - 8) \times 11 + 2$

5) $(11 - 7) \times 9 + 2$

10) $(9 + 57 - 6) \div 12$



Name : _____

Score : _____

Teacher : _____

Date : _____

Word Problems

- 1) Sally's high school played thirty - nine football games this year. She attended nineteen games. How many football games did Sally miss ? _____
- 2) Tom picked 48 pears and Benny picked 33 pears from the pear tree. How many pears were picked in total ? _____
- 3) There were a total of six soccer games in the season. The season is played for three months. How many soccer games were played each month, if each month has the same number of games? _____
- 4) Jason grew 19 watermelons and 36 pumpkins, but the rabbits ate 18 watermelons. How many watermelons does Jason have left ? _____
- 5) Benny bought 570 crayons that came in packs of 15. How many packs of crayons did Benny buy? _____
- 6) Sally has eight books and she has read two books since yesterday. Mary bought six of Sally's books. How many books does Sally have now ? _____
- 7) Jason has 9 dozen golf balls and 6 are used. How many golf balls does he have ? _____
- 8) Mary had 4 quarters in her bank. Her dad gave her 2 more quarters. How many quarters does Mary have now ? _____
- 9) Tom bought four dozen eggs from the grocery store to bake some cakes. He plans to bake the cakes over two days. How many eggs did Tom buy ? _____
- 10) Mike has fifteen books and he has read forty - four total books. Fred has thirty - five times more books than Mike. How many books does Fred have ? _____



Name : _____

Score : _____

Teacher : _____

Date : _____

Simplify to the Lowest Terms

1) $\frac{2}{3} + \frac{7}{15} + \frac{4}{15} =$

2) $\frac{1}{26} + \frac{4}{13} + \frac{8}{26} =$

3) $\frac{1}{16} + \frac{1}{8} + \frac{2}{16} =$

4) $\frac{8}{22} + \frac{10}{11} + \frac{10}{22} =$

5) $\frac{2}{7} + \frac{8}{14} + \frac{3}{28} =$

6) $\frac{6}{11} + \frac{5}{22} + \frac{2}{11} =$

7) $\frac{5}{26} + \frac{3}{13} + \frac{12}{13} =$

8) $\frac{1}{12} + \frac{4}{24} + \frac{4}{24} =$

9) $\frac{6}{7} + \frac{9}{14} + \frac{6}{7} =$

10) $\frac{5}{12} + \frac{2}{3} + \frac{1}{4} =$

11) $\frac{6}{27} + \frac{8}{9} + \frac{3}{9} =$

12) $\frac{6}{28} + \frac{4}{14} + \frac{10}{28} =$

13) $\frac{12}{13} + \frac{10}{26} + \frac{1}{26} =$

14) $\frac{4}{11} + \frac{7}{22} + \frac{1}{11} =$

15) $\frac{1}{4} + \frac{1}{10} + \frac{1}{5} =$

Name : _____

Score : _____

Teacher : _____

Date : _____

Word Problems

- 1) A jet travels 530 miles in 2 hours. At this rate, how far could the jet fly in 12 hours? What is the rate of speed of the jet? _____

- 2) The bakers at Healthy Bakery can make 220 bagels in 10 hours. How many bagels can they bake in 15 hours? What was that rate per hour? _____

- 3) An ice cream factory makes 290 quarts of ice cream in 5 hours. How many quarts could be made in 48 hours? What was that rate per day? _____

- 4) You can buy 5 cans for green beans at the Village Market for \$3.70. You can buy 10 of the same cans of beans at Sam's Club for \$8.10. Which place is the better buy? _____

- 5) You can buy 3 apples at the Quick Market for \$1.32. You can buy 5 of the same apples at Stop and Save for \$1.05. Which place is the better buy? _____

- 6) Gas mileage is the number of miles you can drive on a a gallon of gasoline. A test of a new car results in 590 miles on 10 gallons of gas. How far could you drive on 60 gallons of gas? What is the car's gas mileage? _____

- 7) A ferris wheel can accommodate 35 people in 25 minutes. How many people could ride the ferris wheel in 3 hours? What was that rate per hour? _____



Name : _____

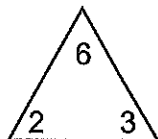
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Teacher : _____

Date : _____

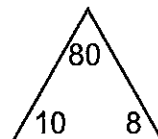
Complete Each Family of Facts

1)



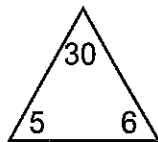
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4)



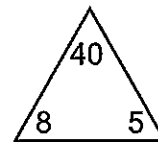
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2)



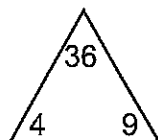
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5)



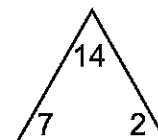
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3)



$$\begin{array}{rclcl} \square & \times & \square & = & \square \\ \square & \times & \square & = & \square \\ \square & \div & \square & = & \square \\ \square & \div & \square & = & \square \end{array}$$

6)



$$\begin{array}{rclcl} \square & \times & \square & = & \square \\ \square & \times & \square & = & \square \\ \square & \div & \square & = & \square \\ \square & \div & \square & = & \square \end{array}$$



Name : _____

Score : _____

Teacher : _____

Date : _____

Mean, Mode, Median, and Range

1) 12, 6, 12, 12, 17, 19, 11, 9, 13, 9

Mean ____ Median ____ Mode ____ Range ____

6) 7, 17, 6, 6, 17, 19, 20, 20, 14

Mean ____ Median ____ Mode ____ Range ____

2) 10, 18, 19, 16, 8, 7

Mean ____ Median ____ Mode ____ Range ____

7) 20, 14, 6, 11, 14, 7

Mean ____ Median ____ Mode ____ Range ____

3) 15, 17, 20, 14, 9

Mean ____ Median ____ Mode ____ Range ____

8) 19, 17, 19, 11, 15, 10, 11, 16, 19, 13

Mean ____ Median ____ Mode ____ Range ____

4) 18, 5, 15, 16, 19, 18, 7

Mean ____ Median ____ Mode ____ Range ____

9) 10, 16, 9, 11, 8, 19, 8, 7

Mean ____ Median ____ Mode ____ Range ____

5) 16, 17, 18, 9, 19, 16, 17, 8

Mean ____ Median ____ Mode ____ Range ____

10) 11, 17, 13, 9, 20, 7, 14

Mean ____ Median ____ Mode ____ Range ____



Name : _____

Score : _____

Teacher : _____

Date : _____

Word Problems

- 1) Jason has 3 dozen golf balls and 4 are used.

How many golf balls does he have ? _____

- 2) Keith, Sandy, Sally, and Tim each have 18 baseball cards.

How many baseball cards do they have in all ? _____

- 3) Mary has seventeen books and she has read seven of them. Tom has nine times more books than Mary. How many books does Tom have ? _____

- 4) There are 48 calories in a candy bar. How many calories are there in 41 candy bars ? _____

- 5) There were a total of three hockey games a month, and five are played at night. The season is played for four months. How many games are in the seasons ? _____

- 6) Tom has saved 31 quarters over 9 days from washing cars. How many cents does Tom have ? _____

- 7) Benny earns \$12.50 an hour cleaning houses. If he works from 8:00am to 5:00pm, how much money will he make ? _____

- 8) Tom has twenty-six yellow marbles and fourteen orange marbles. Sally has nine times more yellow marbles than Tom. How many yellow marbles does Sally have ? _____

- 9) Tim bought 9 dozen eggs from the grocery store to bake some cakes. How many eggs did Tim buy ? _____

- 10) There are eighteen children in the classroom, each student will get twenty-five pencils. How many pencils will the teacher have to give out ? _____



Name : _____

Score : _____

Teacher : _____

Date : _____

Word Problems

- 1) Fred grew twenty - seven watermelons and forty - three cantaloupes, but the rabbits ate twenty watermelons. How many watermelons does Fred have left ? _____
- 2) There are thirty - four pencils and seventeen crayons in the drawer. Tom took eleven pencils from the drawer. How many pencils are now in the drawer ? _____
- 3) There are 630 students at a school, and 70 of them are boys. If each classroom holds 30 students, how many classrooms are needed at the school? _____
- 4) Mike found 3 seashells and Benny found 2 seashells on the beach. How many seashells did they find together ? _____
- 5) There are 9 calories in a candy bar. How many calories are there in 3 candy bars ? _____
- 6) Mary found 17 seashells on the beach. she gave Alyssa 16 of the seashells. How many seashells does she now have ? _____
- 7) Fred picked forty - two apples and Sally picked twenty - nine apples from a tree. Tom picked twenty - five oranges from a tree. How many total apples were picked ? _____
- 8) Benny had baseball cards. He gave thirteen to his friends. He now has sixteen baseball cards left. How many baseball cards did he have to start with ? _____
- 9) Tom bought five hundred ten crayons that came in packs of fifteen. How many packs of crayons did Tom buy? _____
- 10) Sally has 9 orange marbles. Jason has 6 times more orange marbles than Sally. How many orange marbles does Sally and Jason have ? _____



Name : _____

Score : _____

Teacher : _____

Date : _____

Simplify to the Lowest Terms

1) $\frac{4}{22} + \frac{5}{11} + \frac{7}{22} =$

2) $\frac{2}{6} + \frac{1}{18} + \frac{2}{6} =$

3) $\frac{3}{7} + \frac{5}{21} + \frac{8}{21} =$

4) $\frac{6}{11} + \frac{6}{22} + \frac{5}{22} =$

5) $\frac{9}{12} + \frac{3}{4} + \frac{1}{24} =$

6) $\frac{2}{6} + \frac{4}{8} + \frac{4}{24} =$

7) $\frac{5}{22} + \frac{6}{11} + \frac{5}{22} =$

8) $\frac{2}{5} + \frac{2}{4} + \frac{3}{4} =$

9) $\frac{6}{18} + \frac{4}{9} + \frac{11}{18} =$

10) $\frac{1}{9} + \frac{2}{6} + \frac{1}{3} =$

11) $\frac{2}{6} + \frac{1}{15} + \frac{5}{30} =$

12) $\frac{2}{5} + \frac{5}{6} + \frac{2}{3} =$

13) $\frac{5}{11} + \frac{6}{22} + \frac{6}{22} =$

14) $\frac{9}{20} + \frac{3}{4} + \frac{2}{5} =$

15) $\frac{11}{14} + \frac{2}{7} + \frac{7}{14} =$