"Singapore" Math 4th Grade
Extra Practice Problems

All problems taken from the textbook:
Math: New Mexico Grade 4, Houghton Mifflin, 2007

**Subtraction**

1.) (page 73, problem 25) A club has 1,985 dominoes. A group used 928 of these dominoes to make a domino line. How many dominoes were not used?

2.) (page 73, problem 29) Mr. Tyson flew 1,224 miles in May and he flew 2,145 miles in June. How many more miles did he fly in June than in May?

3.) (page 75, problem 32) A gift store ordered 6,500 Ukrainian eggs. They sold 6,221 eggs. How many Ukrainian eggs were not sold?

4.) (page 80, problem 20) Sal’s lunch costs $7.56. He pays with a twenty-dollar bill. How much change should the cashier give Sal?
5.) (page 137, problem 30) Shea Stadium seats 57,775 fans. Wrigley field seats 38,902 fans. About how many more fans fit in Shea Stadium?

6.) (page 158, problem 8) A water park has one slide that is 538 feet long and another that is 615 feet long. How much longer is the second slide than the first?

Mixed

7.) (page 42, problem 12) Mark added 36 in. to his race car track. Then he removed 4 in. This made his track 94 in. long. How long was the track before he started changing it?

8.) (page 63, problem 17) Carolyn collected 136 colored beads. She traded 25 of them for 13 wooden beads. How many beads does she have now?
9.) (page 89, problem 29) A theatre group has 48 students. Two students drop out. Can the remaining students be arranged in 6 equal rows?

10.) (page 111, problem 18) Two pails of turtle eggs hold 8 eggs each. There are 4 more pails of eggs with 10 eggs in each pail. Find the total number of eggs in the pails.

11.) (page 117, problem 18) One panda is 3 years older than a second panda. The second panda is 2 years older than a third one. Write an expression to show the ages of the first two pandas if the third one is 5 years old.

12.) (page 123, problem 4) David has 10 pets. All his pets are either fish or hamster. He has two more fish than hamsters. How many hamsters does David have?
13.) (page 157, problem 4) Together Otto and Zoe have 28 Math Superhero trading cards. Otto has 4 more cards than Zoe. How many cards does each have?

14.) (page 157, problem 6) Tara is thinking of two numbers. One number is 6 more than the other. The sum of the numbers is 30. What are the numbers?

15.) (page 182, problem 2) Kelly used three times as many pens as pencils in one year. She used 150 pens. How many pencils did she use?

**Multiplication**

16.) (page 106, problem 20) Vanna reads for 10 minutes every night. Pete reads 3 times as long every night. How many more minutes does Pete read than Vanna each night?
17.) (page 123, problem 5) There are twice as many cats as dogs in a kennel. The Kennel has 21 animals. If there are only cats and dogs, how many cats are there?

18.) (page 124, problem 7) A large flowerpot costs $5 more than a medium pot. A medium pot costs $4 more than a small pot. A small pot costs $2. If you buy one of each size pot, what will the total cost be?

19.) (page 149, problem 22) This year 583 schools participated in Kindness Week. Next year this number is expected to triple. About how many schools are expected to participate next year?

20.) (page 153, problem 22) There are 50 pieces in one dinosaur skeleton model. How many pieces are in 7 models?

21.) (page 157, problem 4) Together Otto and Zoe have 28 Math Superhero trading cards. Otto has 4 more cards than Zoe. How many cards does each have?
22.) (page 161, problem 22) Tahni buys 2 rolls of blue streamers and 4 rolls of red streamers at the party store. Each roll is 972 inches long. How many inches of streamers does she buy?

23.) (page 137, problem 31) The soccer team won 3 times as many games as they lost. They played 28 games in all. How many games did they lose?

24.) (page 209, problem 25) Jose has 67 model cars in his collection. He wants to share them equally among 3 friends. How many cars will each friend get?

25.) (page 211, problem 1) Mrs. Webster wants to buy a post card for each of 68 fourth-graders. The post cards come in packages of 3. How many packages does Mrs. Webster need to buy?

26.) (page 211, problem 4) Mr. Greene buys as many $6 post-card books as he can with $68. How much money does Mr. Greene have left after he buys the post-card books?
**Fractions**

27.) (page 106, problem 19) Jina has 12 stuffed bears. Her sister has half as many. How many bears does Jina’s sister have?

28.) (page 503, problem 18) Mina has 21 apples. Two thirds of the apples are green. How many of the apples are green?

29.) (page 503, problem 19) Keisha’s family eats 3/4 of an 8-piece apple pie. How many pieces are not eaten?

30.) (page 503, problem 21) Show why 2/3 of 9 and 1/3 of 18 name the same number. Use counters or draw a picture to explain your reasoning.

31.) (page 510, problem 22) Mr. Alvarez brought 5 oranges to a picnic. All the oranges were cut into halves. Each person ate one half of an orange, and there were no oranges left over. How many people ate oranges?
32.) (page 511, problem 27) Mr. Cronin’s class made 4 pecan pies for the school bake sale. Each of the pies is cut into 8 equal pieces. Mr. Cronin bought 10 pieces of pie for a party. What fraction of 1 pie did he buy? Write your answer as an improper fraction in simplest form and as a mixed number?