Summer Math Practice- Rising to 4th Grade

Name _____

Multiple Choice

1. Michelle is painting her bedroom walls. Which measurement **best** describes the capacity of the paint can she should use?

   a. 1 cup   b. 1 pint   c. 1 quart   d. 1 gallon

2. The Empire State Building is one hundred two stories tall. Which numeral is the same as one hundred two?

   a. 102   b. 112   c. 120   d. 201

3. The table below shows the types of ice cream cones sold at an ice cream shop yesterday.

Types of Ice Cream Cones	Number Sold
Vanilla	21
Chocolate	18
Strawberry	10
Cookie Dough	19

   Which number sentence shows the **best** way to estimate the total number of ice cream cones sold at the shop yesterday?

   a. $20 + 10 + 10 + 10 = 50$ c. $20 + 20 + 10 + 20 = 70$

   b. $20 + 10 + 10 + 20 = 60$ d. $20 + 20 + 20 + 20 = 80$

4. The clock below shows the time Brian went skating yesterday. At what time did Brian go skating?

   a. 3:05 P.M.   b. 3:25 P.M.   c. 4:25 P.M.   d. 4:59 P.M.

5. What fraction of the fruit is bananas?

   a. $\dfrac{1}{4}$ b. $\dfrac{4}{10}$ c. $\dfrac{4}{6}$ d. $\dfrac{10}{4}$

6. Mr. Sanchez pays for his lunch with the money shown below. How much does Mr. Sanchez pay for lunch?

a. $3.25 b. $3.75 c. $4.15 d. $4.25

7. Miguel has 109 pennies in a jar. What is 109 rounded to the nearest hundred?

a. 100 b. 110 c. 150 d. 200

The graph below shows the number of goals scored by Ling's team in 4 soccer games.

8. How many goals did Ling's team score in all 4 games combined?

a. 15 b. 16 c. 17 d. 18

9. Ling's team scored more goals in game 5 than in game 2, but fewer goals than in game 1. How many goals did Ling's team score in game 5?

a. 1 b. 2 c. 3 d. 4

10. What number makes the number sentence correct?

☐ × 1 = 10

a. 0 b. 1 c. 10 d. 11

11. James has 3 baseball hats.
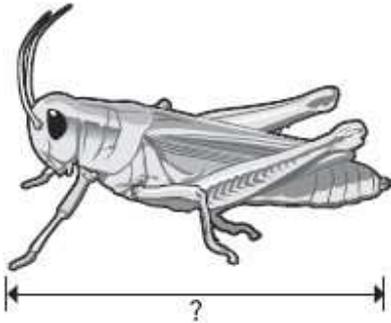

Then, James's brother gives him 3 more hats.

Which is correct about the total number of hats James now has?

a. The sum is 3

c. The sum is 33.

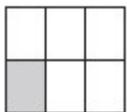b. The sum is an even number.

d. The sum is an odd number.

12. Use your ruler to help you solve this problem.

How long is the grasshopper shown below?

a. $1\frac{1}{2}$ inches

b. 2 inches

c. $2\frac{1}{2}$ inches

d. 3 inches

13. What fraction of the figure is shaded?

a. $\frac{1}{6}$

b. $\frac{1}{4}$

c. $\frac{1}{3}$

d. $\frac{1}{2}$

14. Which number has 20 ones?
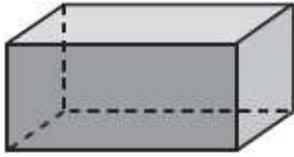
a. 120

b. 203

c. 280

d. 297

15. Which symbol makes the number sentence correct?

455 ◯ 554

a. >

b. <

c. =

d. +

16. Priya traces the bottom of this object. Which shape will she get?

    a. square   b. rectangle   c. triangle   d. circle

17. Which expression shows the associative property?

    a. $(2 + 3) + 6 = 2 + (3 + 6)$ c. $(2 + 3) + 6 = (3 + 2) + 6$

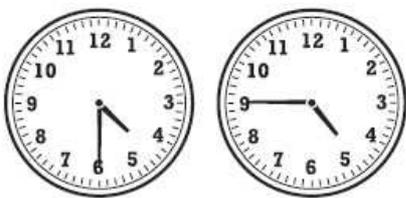   b. $(2 + 3) + 6 = 3 + (2 + 6)$ d. $(2 + 3) + 6 = (2 + 3) + 6$

18. The chart below shows the number of sausages sold each hour during a street festival.

Number of Sausages Sold	
Time	Number of Sausages
11:00	~~卌~~ ~~卌~~ ~~卌~~ ~~卌~~ |||
12:00	~~卌~~ ~~卌~~ ~~卌~~ ~~卌~~ ~~卌~~ ~~卌~~ ||
1:00	~~卌~~ ~~卌~~ ~~卌~~ ~~卌~~ ~~卌~~ ~~卌~~ ~~卌~~ ~~卌~~ |||
2:00	~~卌~~ ~~卌~~ ||

How many sausages were sold at 1:00 P.M.?

    a. 10   b. 28   c. 38   d. 40

19. Keith walked his dog at 4:30 P.M. He finished the walk at 4:45 P.M. For how long did Keith walk his dog?
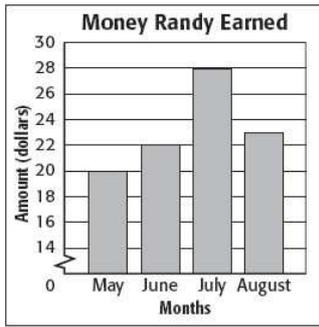

    a. $\dfrac{1}{5}$ hour   b. $\dfrac{1}{4}$ hour   c. $\dfrac{1}{3}$ hour   d. $\dfrac{1}{2}$ hour

20. Ms. Brody put an odd number of crayons into a box. How many crayons could be in the box?

    a. 209   b. 210   c. 212   d. 224

21. The graph below shows the amount of money Randy earns each month. How much more money did Randy earn in July than in June?

Money Randy Earned

a. $3   b. $4   c. $6   d. $10

22. Which measurement **best** describes the height of a tall person?

a. 6 inches   b. 6 feet   c. 6 yards   d. 6 miles

23. Which of these equals 967?

a. 800 + 100 + 7   c. 900 + 70 + 6

b. 900 + 60 + 7   d. 900 + 600 + 7

24. Miya added water to a pot to make chicken soup for 12 people. Which measurement **best** describes how much water she added to the pot?

a. 1 cup   b. 1 pint   c. 2 gallons   d. 20 gallons

25. Which number sentence is correct?

a. $2 \times 0 = 0$ b. $0 \times 2 = 2$ c. $2 \times 0 = 2$ d. $2 \times 0 = 20$

26. If $9 + 2 = 11$, then what is $2 + 9$?

a. 11   b. 12   c. 18   d. 29

27. Timir cut a cake into 10 equal slices. He ate 2 slices. What fraction of the cake did Timir eat?

a. $\dfrac{1}{10}$ b. $\dfrac{2}{10}$ c. $\dfrac{2}{5}$ d. $\dfrac{8}{10}$

28. Jose has 16 apples and 4 baskets. He wants to put the same number of apples in each basket. Which number sentence shows how many apples Jose will put in each basket?

a. $16 + 4 = 2$

c. $16 - 4 = 12$

b. $16 \div 4 = 4$

d. $8 + 8 = 16$

Short Answer

29. The DeAngelis family is having a cookout. They purchased 3 packs of hot dogs with 8 hot dogs in each pack.

a. Draw a picture to show how many hot dogs they purchased in all.

b. The DeAngelis family can find hot dog buns only in packs of 10. They buy 3 packs of hot dog buns. If every hot dog they bought is put on a bun, how many buns will they have left over?

30. Monique drew a sign using the shape below. What is the name of the shape of the sign?

31. Draw one line of symmetry on the shape above.

32. The number pattern below has two missing numbers.

75, 69, 63, 57, _____, 45, 39, _____

a. Write the two missing numbers on the blank lines in the pattern above.

b. Below, explain how you know what numbers are missing in the pattern.

33. Mauricio saw the pictures below in a magazine.

a. Cross out the object would hold the **least** liquid?

b. Draw a ring around the object that would hold the **most** liquid.

34. Ethan kept track of the weather for 365 days. It was cloudy 178 days. How many days were not cloudy?

35. The grocer had 137 green apples and 93 red apples. On Thursday he sold 89 apples. How many apples does the grocer have left?

36. On Saturday Sam's Sub Shop had 150 subs. Eighty-seven subs were sold at lunch and 45 more were sold at dinner. How many subs were left?

37. A truck driver needs to deliver 806 packages. In the morning he delivered 336 packages and in the afternoon he delivered 290 packages. How many more packages still need to be delivered?

38. Mark bought shoes for $43.00 and clothes for $138.00. Mark had $36.00 left in his wallet. How much money did Mark have to begin with?

39. Jeff wants to buy a video game that costs $76 and a mike that costs $355. So far Jeff has saved $380. How much more money does Jeff need to save?

40. Joe and Amelia grow tomatoes in their garden. Joe picked 59 tomatoes and Amelia picked 45. If they used 75 to make pasta sauce how many do they have left?

41. Eighteen cookies are divided into 3 bags. How many cookies are in each bag?

42. A chef is cooking chicken in a restaurant. The recipe says you need 5 minutes for every pound. How many minutes will it take to cook 12 pounds of chicken?

43. A plane took off at 11:30 a.m. and landed at 2:45 p.m. How log was the flight?

44. Cara wants new carpeting for her bedroom. Her bedroom is an 9 ft by 6 ft rectangle. How much carpeting does she need to buy to cover her entire bedroom floor?

45. The park is getting 6 pieces of fence that are each 7 feet long. How many feet of fence is the park getting?

46. Jess has 48 dolls and 8 boxes. She wants to put the same amount of dolls in each box. How many dolls can she put in each box?

47. A rubber band was 7 cm long at first. Now it is stretched to be 28 cm long. How many times longer is the rubber band than it was at first?

48. An airplane left Newark Airport at 9:55 A.M. and arrived at Orlando, Florida at 12:05 P.M. How long did the trip take?

49. School ends at 12:10 on an early dismissal day. School starts at 8:35. How long is the school day on an early dismissal day?

50. Nina can practice a song 8 times in an hour. If she wants to practice the song 40 times before the recital, how many hours does she need to practice?

51. Zan is building a rectangular fort that is 12 blocks wide and 9 blocks long. How many blocks does he need?

52. Laura is making cupcakes. They need to bake for 45 minutes. She put them in the oven at 5:40 p.m. At that time should she take them out?

53. Penny has 72 party favors to give to 9 friends. She wants to give each friend the same amount. How many party favors should she give to each friend?

54. Brad left school at 3:15 p.m. on the school bus and arrived home 48 minutes later. What time did Brad get home?

55. Emily bought 11 packs of pencils. Each pack had 12 pencils. How many pencils did Emily buy?

56. John went to bed at 9:35 p.m. and woke up at 7:15 a.m. How many hours did John sleep?

57. Mike needs to be at work by 8:30 a.m. It takes him 40 minutes to get to work and 35 minutes to get ready in the morning. What time does Mike need to wake up so he is at work at 8:30 am?