5th Grade Math Name _____

Decimals Practice Per/Sec. _____ Date _____

1. Which number is the same as four and twenty-seven hundredths?

1.

			.		
⓪	⓪	⓪		⓪	⓪
①	①	①		①	①
②	②	②		②	②
③	③	③		③	③
④	④	④		④	④
⑤	⑤	⑤		⑤	⑤
⑥	⑥	⑥		⑥	⑥
⑦	⑦	⑦		⑦	⑦
⑧	⑧	⑧		⑧	⑧
⑨	⑨	⑨		⑨	⑨

2. Which number is the same as two hundred thirty-five thousandths?

2.

				.			
⓪	⓪	⓪	⓪		⓪	⓪	⓪
①	①	①	①		①	①	①
②	②	②	②		②	②	②
③	③	③	③		③	③	③
④	④	④	④		④	④	④
⑤	⑤	⑤	⑤		⑤	⑤	⑤
⑥	⑥	⑥	⑥		⑥	⑥	⑥
⑦	⑦	⑦	⑦		⑦	⑦	⑦
⑧	⑧	⑧	⑧		⑧	⑧	⑧
⑨	⑨	⑨	⑨		⑨	⑨	⑨

3. Jack needed at least 45 cm of wire to fix his cart. He found three pieces. One was 7.8 cm long, another was 15.3 cm long, and another was 27 cm long. How much wire did Jack have in all?

3.

			.		
⓪	⓪	⓪		⓪	⓪
①	①	①		①	①
②	②	②		②	②
③	③	③		③	③
④	④	④		④	④
⑤	⑤	⑤		⑤	⑤
⑥	⑥	⑥		⑥	⑥
⑦	⑦	⑦		⑦	⑦
⑧	⑧	⑧		⑧	⑧
⑨	⑨	⑨		⑨	⑨

4. Lilly bought a scarf for $4.77. She gave the clerk $10.80. How much did she get back in change?

4.

			.		
⓪	⓪	⓪		⓪	⓪
①	①	①		①	①
②	②	②		②	②
③	③	③		③	③
④	④	④		④	④
⑤	⑤	⑤		⑤	⑤
⑥	⑥	⑥		⑥	⑥
⑦	⑦	⑦		⑦	⑦
⑧	⑧	⑧		⑧	⑧
⑨	⑨	⑨		⑨	⑨

5. Kylie has $27.18. She and Tina have $49.27 altogether. How much money does Tina have?

5.

			.		
⓪	⓪	⓪		⓪	⓪
①	①	①		①	①
②	②	②		②	②
③	③	③		③	③
④	④	④		④	④
⑤	⑤	⑤		⑤	⑤
⑥	⑥	⑥		⑥	⑥
⑦	⑦	⑦		⑦	⑦
⑧	⑧	⑧		⑧	⑧
⑨	⑨	⑨		⑨	⑨

6. Ann Marie has $22.17 in her savings account. Mai has $15.23 in hers and Ricardo has $37.50 in his. What is the total amount that the three friends have saved?

6.

			.		
⓪	⓪	⓪		⓪	⓪
①	①	①		①	①
②	②	②		②	②
③	③	③		③	③
④	④	④		④	④
⑤	⑤	⑤		⑤	⑤
⑥	⑥	⑥		⑥	⑥
⑦	⑦	⑦		⑦	⑦
⑧	⑧	⑧		⑧	⑧
⑨	⑨	⑨		⑨	⑨

7. Mrs. Oberon bought 1.76 pounds of ground beef, 2.18 pounds of round steak, and a 4-pound chuck roast when she went to market. How many pounds of meat did she buy?

7.

			.		
⓪	⓪	⓪		⓪	⓪
①	①	①		①	①
②	②	②		②	②
③	③	③		③	③
④	④	④		④	④
⑤	⑤	⑤		⑤	⑤
⑥	⑥	⑥		⑥	⑥
⑦	⑦	⑦		⑦	⑦
⑧	⑧	⑧		⑧	⑧
⑨	⑨	⑨		⑨	⑨

8. Some fifth-grade students measured their weights in kilograms instead of pounds. John weighed 42.4 kg, Sheila weighed 38.6 kg, Ron weighed 41.8 kg, and Emmet weighed 44 kg. What was the total weight of the four students?

8.

			.		
⓪	⓪	⓪		⓪	⓪
①	①	①		①	①
②	②	②		②	②
③	③	③		③	③
④	④	④		④	④
⑤	⑤	⑤		⑤	⑤
⑥	⑥	⑥		⑥	⑥
⑦	⑦	⑦		⑦	⑦
⑧	⑧	⑧		⑧	⑧
⑨	⑨	⑨		⑨	⑨

9. Mr. Bucket mailed 3 packages. The first weighed 1.3 pounds, the second weighed 2.75 pounds, and the third weighed 0.8 pounds. What was the total weight of the three packages?

9.

			.		
⓪	⓪	⓪		⓪	⓪
①	①	①		①	①
②	②	②		②	②
③	③	③		③	③
④	④	④		④	④
⑤	⑤	⑤		⑤	⑤
⑥	⑥	⑥		⑥	⑥
⑦	⑦	⑦		⑦	⑦
⑧	⑧	⑧		⑧	⑧
⑨	⑨	⑨		⑨	⑨

10. Three students brought their pet lizards to class to be measured. Dan's measured 25.8 centimeters, Santos' measured 17 centimeters, and Holly's measured 27.25 centimeters. What was the total length of the 3 lizards?

10.

			.		
⓪	⓪	⓪		⓪	⓪
①	①	①		①	①
②	②	②		②	②
③	③	③		③	③
④	④	④		④	④
⑤	⑤	⑤		⑤	⑤
⑥	⑥	⑥		⑥	⑥
⑦	⑦	⑦		⑦	⑦
⑧	⑧	⑧		⑧	⑧
⑨	⑨	⑨		⑨	⑨

5th Grade Math Decimals Practice Ms. Curlew 3/3/2004

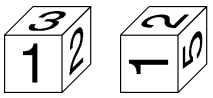
Answer List

1. 4.27
2. 0.235
3. 50.1 cm
4. $6.03
5. $22.09
6. $74.90
7. 7.94 lbs
8. 166.8 kg
9. none of these
10. 70.05 cm

Catalog List

1. TX9 CA 35
2. TX9 CA 36
3. TX9 CA 149
4. TX9 CA 176
5. TX9 CA 142
6. TX9 CA 148
7. TX9 CA 155
8. TX9 CA 157
9. TX9 CA 150
10. TX9 CA 151

February, 2003

Monday	Tuesday	Wednesday	Thursday	Friday
3 Rita, Rachel, Ralph, and Ronald have to give their oral book reports on Monday. Rachel volunteered to give hers first. In how many different orders can the students give their book reports?	4 A cube is tossed. It is numbered from 10 to 15. In how many ways can an even number land face up? 	5 Trevor has a 4-digit combination lock in his locker. He remembers that the first digit is 8, the second digit is 7, and the last digit is 0. If he cannot remember the third digit, what is the maximum number of tries he would have to make to open the lock?	6 Jane has a 3-digit combination lock on her bicycle chain and has forgotten the combination. If she knows that the first digit is an 8, how many numbers must Jane try before the lock is sure to open?	7 If no digit appears more than once in a number, how many two-digit numbers can be formed from the digits 6, 7, 8, 9?
10 If no digit appears more than once, how many three-digit numbers can be formed from the digits 1, 2, 5, 8?	11 If no letter appears more than once, how many 3-letter arrangements can be formed from the letters P, Q, R, S?	12 If no letter appears more than once, how many 2-letter arrangements can be formed from the letters I, J, K, L?	13 If two number cubes with faces numbered from 1 to 6 are tossed and the numbers that land face up are added, how many ways can the sum be 4? 	14 Stanley tosses 2 number cubes with faces numbered 1 through 6. If he adds the two numbers that show up, how many ways can he get at 7?

17

A cube numbered 1 through 6 is tossed. What is the probability of getting an odd number?

18

A bag contains 4 blue blocks, 3 red blocks, 2 white blocks, and 1 yellow block. The blocks are all of equal size. If a block is chosen without looking, what is the probability that it will be red?

19

A bag contains 3 red cubes, 5 blue cubes, and 8 yellow cubes. If you reach in the bag and draw out a cube, what is the probability that the cube is yellow?

20

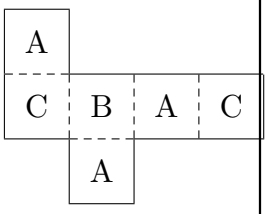
A bag contains 3 red cubes, 2 orange cubes, and 4 green cubes. Mary has the first pick and draws out a green cube. If she does not replace her cube, what is the probability that you will draw an orange cube on the second pick?

21

A box contains 4 red cubes, 3 yellow cubes, and 6 blue cubes. Harry has the first pick and draws out a red cube. If he does not replace his cube, what is the probability that you will draw an blue cube on the second pick?

24

The diagram shows the faces of a cube. If this cube is tossed, what is the probability that a C will land face up?



25

If a coin is tossed three times what is the probability of getting 1 head and two tails?

26

If a coin is tossed two times what is the probability of getting 2 heads?

27

The science project developed by Monica, Jeff, Pat, and Elam won the district fair and has advanced to the state fair. Only two people can miss school to go to the state fair. They put all the possible pairs of the four students on slips of paper and then drew one slip at random. What is the probability that Jeff and Pat will go to the state fair?

28

Rob couldn't decide which two side dishes to order with his chicken: baked beans, rice, potatoes, macaroni with cheese, or coleslaw. He put all of the possible pairs of the five side dishes on slips of paper and drew one slip at random. What is the probability that he will be eating potatoes and baked beans?

Mathematics

3rd Grade Assessment

Name _____ Teacher _____

1. What number is the same as eight thousand, nine hundred seventy-seven?

- ◯ 897
- ◯ 8,977
- ◯ 80,977
- ◯ 89,977

2. Lester had 7 keys. He lost 2 of his keys. Which number sentence could be used to find out how many keys Lester has now?

- ◯ $7 - 2 = \square$
- ◯ $2 + 7 = \square$
- ◯ $2 \times 7 = \square$
- ◯ $7 \div \square = 2$

3. The Abracadabra Magic School had 122 students the first year and 89 students the next year. How would you find out how many more students there were the first year?

- ◯ subtract
- ◯ add
- ◯ multiply
- ◯ divide

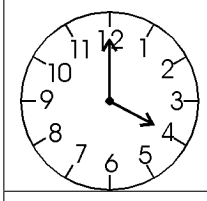
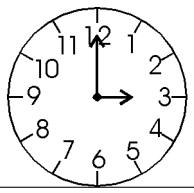
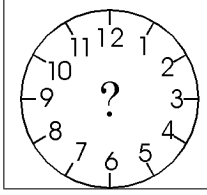
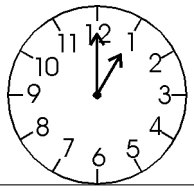
4. Look at the number pattern.

12	15		21	24

Find the number that goes in the empty box.

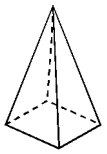
- ◯ 17
- ◯ 18
- ◯ 19
- ◯ 20

5. There are 4 clocks on the wall showing the time in different U.S. time zones. What is the time in the Mountain time zone?

Eastern	Central
	
Mountain	**Pacific**
	

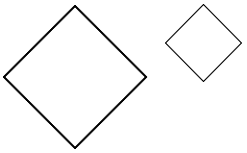
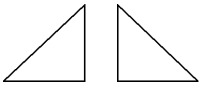
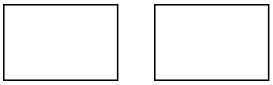
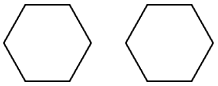
- ◯ 9:00
- ◯ 12:00
- ◯ 2:00
- ◯ 5:00

6. Look at this pyramid. How many *faces* does this pyramid have?

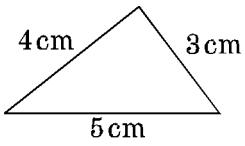


- ◯ 2
- ◯ 3
- ◯ 4
- ◯ 5

7. Which is a pair of figures that are NOT congruent (same size, same shape)?

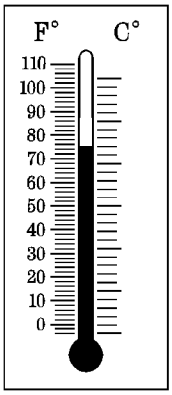
- ◯ 
- ◯ 
- ◯ 
- ◯ 

8. What is the *perimeter* of this figure?



- ◯ 60 centimeters
- ◯ 23 centimeters
- ◯ 12 centimeters
- ◯ 9 centimeters

9. What temperature is shown on the thermometer?



- ◯ 62° F
- ◯ 67° F
- ◯ 72° F
- ◯ 75° F

10. Mary Jo and Kenneth must decorate the bulletin board in their classroom. How long should the strip of border paper be to go around the edge of the bulletin board?

- ◯ 10 ft
- ◯ 13 ft
- ◯ 20 ft
- ◯ 21 ft

11. Charles asked his club members what are their favorite musical instruments. The results are shown in the chart.

Favorite Instruments

Type of Instrument	No. of Members
Guitar	18
Piano	12
Saxophone	6
Drums	12

Which graph matches the facts given in the chart?

◯ FAVORITE INSTRUMENTS

(Each ♪ means 3 club members.)	
Guitar	♪♪♪♪♪♪
Piano	♪♪♪♪
Saxophone	♪♪
Drums	♪♪♪♪

◯ FAVORITE INSTRUMENTS

(Each ♪ means 3 club members.)	
Guitar	♪♪♪♪♪♪♪♪♪♪♪♪♪♪♪♪
Piano	♪♪♪♪♪♪♪♪♪♪
Saxophone	♪♪♪♪♪♪
Drums	♪♪♪♪♪♪♪♪♪♪♪

◯ FAVORITE INSTRUMENTS

(Each ♪ means 3 club members.)	
Guitar	♪♪♪♪♪♪♪♪♪
Piano	♪♪♪♪♪♪
Saxophone	♪♪♪
Drums	♪♪♪♪♪♪

◯ FAVORITE INSTRUMENTS

(Each ♪ means 3 club members.)	
Guitar	♪♪♪
Piano	♪♪
Saxophone	♪
Drums	♪♪

12. There are 3 third-grade classes at Madison Elementary School. During September each teacher charted the number of books read by her students. The graph shows how many books were read. How many more books did Mrs. Johnson's class read than Mrs. Jones' class?

BOOKS READ

Ms. Jones	📖📖📖📖📖
Mrs. Ortega	📖📖📖📖
Mrs. Johnson	📖📖📖📖📖📖

Each 📖 means 10 books read.

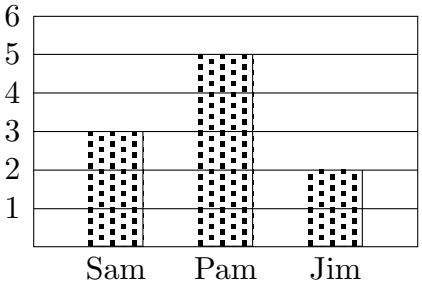
◯ 1 book

◯ 5 books

◯ 10 books

◯ 20 books

13. Katrina is in the third grade. She made a graph about 3 of her classmates. She forgot to label the graph. Which is a reasonable description of the graph?



- ◯ The weights in pounds of her classmates
- ◯ The heights in inches of her classmates
- ◯ The number of pets each of her classmates has
- ◯ The ages of her classmates

14. Tamara is older than Leah and younger than Mitchell. Leah is older than Jennifer. Which of the following is true?

- ◯ Leah is the youngest
- ◯ Mitchell is the oldest.
- ◯ Tamara is younger than Leah.
- ◯ Jennifer is older than Tamara.

15. Jenny's team scored 7 goals in a soccer game. Robin's team scored fewer goals than Jenny's. Which could be the total number of goals scored by the two teams?

- ◯ 6
- ◯ 12
- ◯ 14
- ◯ 16

Mathematics 3rd Grade Assessment 5/16/2002

Answer List

1.	b	2.	f	3.	a
4.	g	5.	c	6.	j
7.	a	8.	h	9.	d
10.	h	11.	a	12.	h
13.	c	14.	g	15.	b

Catalog List

1.	TX9 AA 22	2.	TX9 AA 184	3.	TX9 AA 218
4.	TX9 AB 19	5.	TX9 AB 80	6.	TX9 AC 24
7.	TX9 AC 60	8.	TX9 AD 23	9.	TX9 AD 44
10.	TX9 AD 61	11.	TX9 AE 5	12.	TX9 AE 43
13.	TX9 AF 5	14.	TX9 AF 7	15.	TX9 AF 16