Name_____Date_____

Part 1 – Review of Strand 1

(1A)

1. Brandon had saved $856. Tom had save $100 **less** than Brandon. How much money did Tom save?

- ○ $756
- ○ $956
- ○ $846
- ○ $866

(1A)

2. *Staples* sold 258 scanners last week. This week, it sold 10 **more** scanners than last week. How many scanners were sold this week?

- ○ 158
- ○ 178
- ○ 248
- ○ 268

(1A)

3. Joseph drove 521 hours last month. This month he drove 10 **less** hours. How many hours did he drive this month?

- ○ 511
- ○ 531
- ○ 431
- ○ 411

(1A)

4. A store had 8,427 customers last week. This week there were 100 **fewer** customers than last week. How many customers did the store have this week?

- ○ 7,427
- ○ 8,327
- ○ 8,527
- ○ 9,427

(1A)

5. There were 47 people in line to see a movie. A few minutes later, 10 **more** people join the line. How many people were now waiting in line?

- ○ 37
- ○ 46
- ○ 48
- ○ 57

(1A)

6. Sami had 47 dolls. Lola had 10 **fewer** dolls than Sami did. How many dolls did Lola have?

- ○ 37
- ○ 48
- ○ 137
- ○ 157

(1A)

7. The flower shop had 1465 white roses in the back room. It had 100 **more** red roses. How many red roses did the flower shop have?

- ◯ 1265
- ◯ 1365
- ◯ 1565
- ◯ 1765

(1A)

8. A TV set cost $726 last week. This week it cost $100 **less** on sale. How much did the TV set cost this week?

- ◯ 826
- ◯ 727
- ◯ 725
- ◯ 626

(1A)

9. Tom and Jerry had a contest. Tom made 78 points. Jerry made 10 **fewer** points that Tom did. How many points did Jerry have?

- ◯ 68
- ◯ 58
- ◯ 48
- ◯ 38

(1B)

10. Which means the same as 809?

- ◯ 80 + 9
- ◯ 80 + 90
- ◯ 800 + 9
- ◯ 800 + 90

(1B)

11. Which means the same as 42 tens?

- ◯ 42
- ◯ 52
- ◯ 420
- ◯ 520

(1B)

12. What is another name for 6 hundreds, 8 tens, 4 ones?

- ◯ 6084
- ◯ 6804
- ◯ 684
- ◯ 680

(1B)

13. What is another way to express 27?

- ◯ 2 + 7
- ◯ 20 + 70
- ◯ 20 + 7
- ◯ 2 + 70

(1C)

14. Which means the same as 5 hundreds, 7 tens, 14 ones?

- ◯ 574
- ◯ 584
- ◯ 674
- ◯ 684

(1C)

15. What is another name for 8 hundreds, 15 tens, 3 ones?

- ◯ 853
- ◯ 863
- ◯ 953
- ◯ 963

(1C)

16. What is another way to express 300 + 150 + 17?

- 357
- 368
- 458
- 467

(1C)

17. Which means the same as 463?

- ◯ 3 hundreds, 16 tens, 3 ones
- ◯ 4 hundreds, 16 tens, 3 ones
- ◯ 4 hundreds, 16 tens, 13 ones
- ◯ 5 hundreds, 16 tens, 3 ones

(1C)

18. What is another name for 524?

- ◯ 500 + 20 + 14
- ◯ 500 + 10 + 14
- ◯ 400 + 20 + 4
- ◯ 400 + 10 + 14

(1C)

19. What is another way to express 700?

- 600 + 90 + 10
- 600 + 90 + 1
- 600 + 9 + 1
- 600 + 9 + 10

(1D)

20. In which number does 8 have the **least** value?

- ◯ 28
- ◯ 82
- ◯ 280
- ◯ 820

(1D)

21. In which number does 4 have the **greatest** value?

- ◯ 74
- ◯ 47
- ◯ 704
- ◯ 7004

(1D)

22. In which number does 8 have the **greatest** value?

- ◯ 28
- ◯ 48
- ◯ 482
- ◯ 824

(1D)

23. In which number does the tens place have the **least** value?

- ◯ 293
- ◯ 239
- ◯ 923
- ◯ 392

(1D)

24. In which number does the ones place have the **greatest** value?

- ◯ 536
- ◯ 365
- ◯ 635
- ◯ 563

(1D)

25. In which number does the hundreds place have the **least** value?

- ◯ 815
- ◯ 182
- ◯ 251
- ◯ 528

(1D)

26. What is the value of 7 in the number 73?

- ◯ 7
- ◯ 70
- ◯ 700
- ◯ 7000

(1D)

27. What is the value of 8 in the number 825?

- ◯ 8
- ◯ 80
- ◯ 800
- ◯ 8000

(1D)

28. What is the value of 4 in the number 954?

- ◯ 4
- ◯ 50
- ◯ 900
- ◯ 400

(1D)

29. What is the value of 8 in the number 48?

- ◯ 4
- ◯ 8
- ◯ 40
- ◯ 80

(1D)

30. In which number 5 stand for 5 ones?

- ◯ 258
- ◯ 852
- ◯ 285
- ◯ 582

(1D)

31. In which number does 7 equal 7 hundreds?

- ◯ 317
- ◯ 713
- ◯ 371
- ◯ 137

(1D)

32. In which number does 9 have the value of 9 tens?

- ◯ 259
- ◯ 952
- ◯ 529
- ◯ 295

(1D)

33. In which number does 2 represent 2 ones?

- ◯ 259
- ◯ 952
- ◯ 529
- ◯ 295

(1D)

34. The value of 758 would change by how much if the 7 were replaced by a 2?

- ◯ 200
- ◯ 400
- ◯ 500
- ◯ 700

(1D)

35. The value of 563 would change by how much if 9 replaced the 6?

- ◯ 3
- ◯ 30
- ◯ 300
- ◯ 3000

(1D)

36. The value of 214 would change by how much if 7 replaced 4?

- ◯ 2
- ◯ 3
- ◯ 4
- ◯ 7

(1D)

37. The value of 937 would change by how much if 3 were replaced by 2?

- ◯ 10
- ◯ 20
- ◯ 200
- ◯ 300

(1D)

38. The value of 182 would change by how much if the 2 were replaced by a 1?

- ◯ 1
- ◯ 2
- ◯ 10
- ◯ 200

(1D)

39. The value of 359 would change by how much if 1 replaced 3?

- ◯ 200
- ◯ 100
- ◯ 20
- ◯ 10

Name_____Date_____

Part 2: Review of Strands 2 and 3

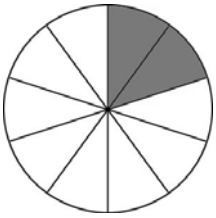
(2A)

Each ☐ = 0.1

1. The shaded part of this picture shows what decimal?

- ◯ 0.2
- ◯ 0.4
- ◯ 0.6
- ◯ 0.8

(2A)

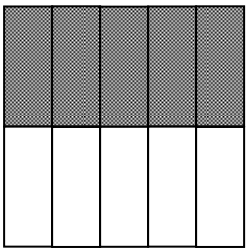


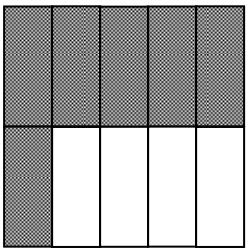
2. What decimal is shown by the shaded part of the picture?

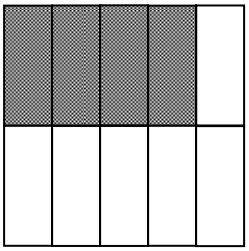
- ◯ 0.28
- ◯ 0.82
- ◯ 0.2
- ◯ 0.8

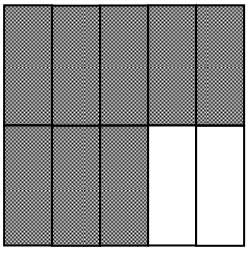
(2A)

3. Which picture shows 0.4 shaded?

◯ 

◯ 

◯ 

◯ 

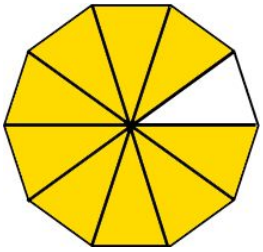
(2A)

= 0.1

4. Which decimal is shown by the shaded part of the picture?

- ◯ 1.3
- ◯ 1.7
- ◯ 0.3
- ◯ 0.7

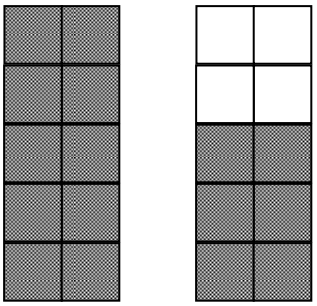
(2A)



5. The shaded part of the picture shows which decimal?

- ◯ 0.1
- ◯ 0.9
- ◯ 0.19
- ◯ 0.91

(2A)



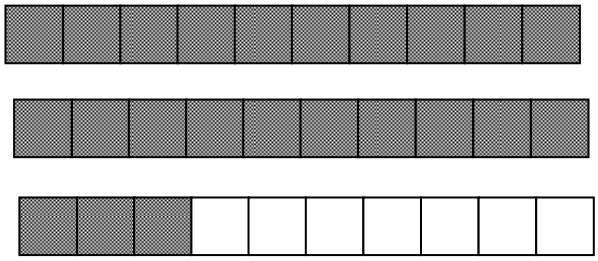
= 0.1

Are Problems 6 and 7 beyond Grade 4 CMT?

6. What decimal part of the picture is shaded?

- ◯ 0.4
- ◯ 0.46
- ◯ 1.6
- ◯ 1.64

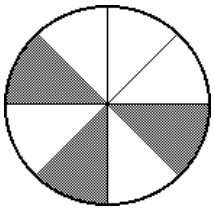
(2A)



= 0.1

7. What decimal part of the picture is shaded?

- ◯ 0.7
- ◯ 1.3
- ◯ 1.7
- ◯ 2.3



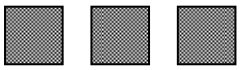
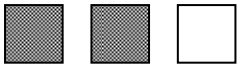
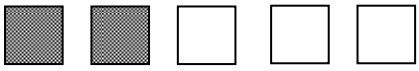
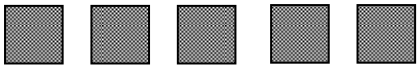
(2A)

8. How much of the shape is shaded?

- ○ $\frac{5}{8}$
- ○ $\frac{3}{8}$
- ○ $\frac{3}{5}$
- ○ $\frac{5}{5}$

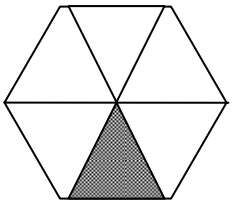
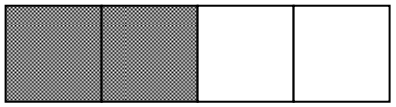
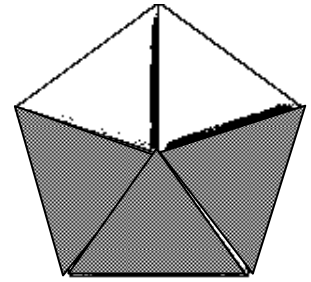
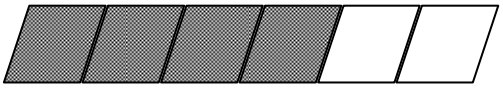
(2A)

9. Which picture shows $\frac{2}{3}$ shaded?

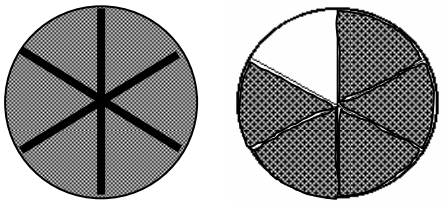
- ○ 
- ○ 
- ○ 
- ○ 

(2A)

10. Which picture shows $\frac{1}{2}$ shaded?

- ○ 
- ○ 
- ○ 
- ○ 

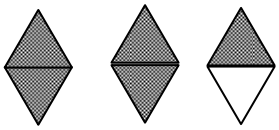
(2B)



11. How much of the picture is shaded?

- ○ $1\frac{1}{5}$
- ○ $1\frac{1}{6}$
- ○ $1\frac{4}{5}$
- ○ $1\frac{5}{6}$

(2B)

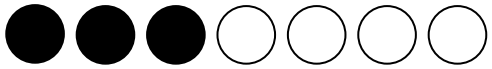


12. How much of the picture is shaded?

- ○ $2\frac{1}{2}$
- ○ $1\frac{1}{3}$
- ○ $2\frac{1}{4}$
- ○ $1\frac{1}{6}$

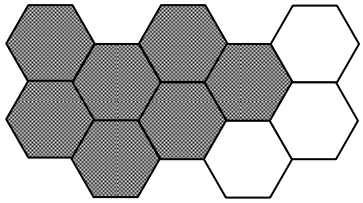
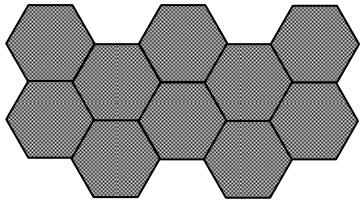
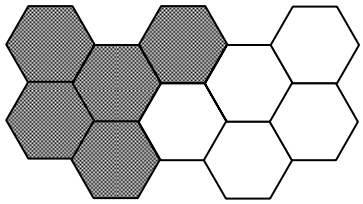
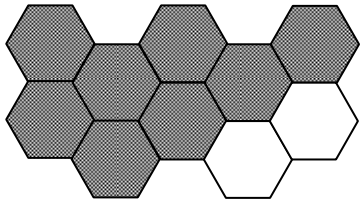
(2B)

13. Which picture shows $\frac{3}{4}$ shaded?

- ○ 
- ○ 
- ○ 
- ○ 

(2B)

14. Which picture shows $\frac{1}{2}$ shaded?

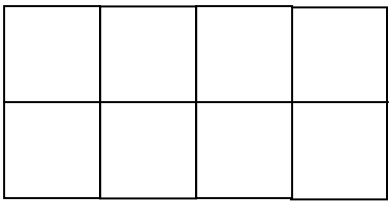
- ○ 
- ○ 
- ○ 
- ○ 

(2C)

15. Draw a ring around $\frac{2}{5}$ of the oranges.

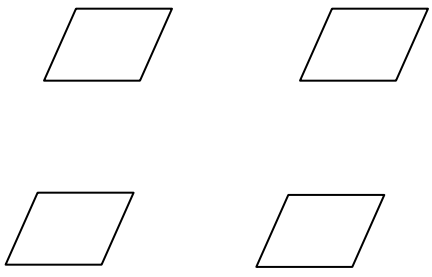
(2C)

16. Shade in $\frac{3}{8}$ of this shape.



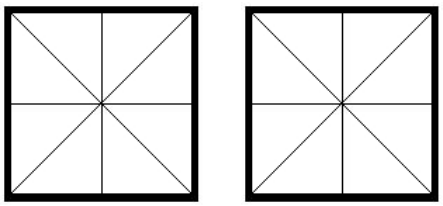
(2C)

17. Draw a ring around $\frac{3}{4}$ of the set of shapes.



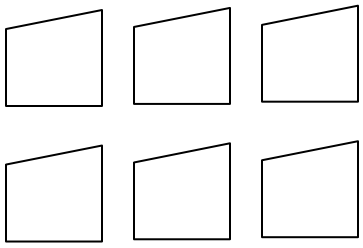
(2C)

18. Shade in $1\frac{4}{8}$ of the shapes.



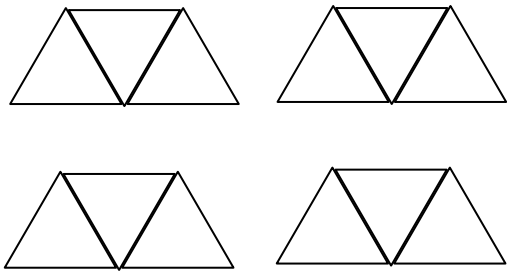
(2C)

19. Draw a ring around $\frac{1}{2}$ of the set of shapes.



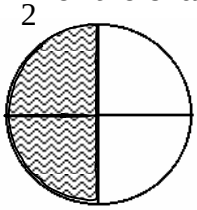
(2C)

20. Shade in $2\frac{2}{3}$ of the shapes.



(3A)

The shape was divided into 4 equal parts. Jo shaded $\frac{1}{2}$ of the shape.

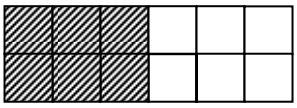
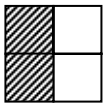
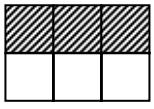
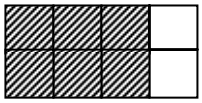


21. What is another way to write $\frac{1}{2}$?

- ○ $\frac{1}{4}$
- ○ $\frac{2}{4}$
- ○ $\frac{3}{4}$
- ○ $\frac{4}{4}$

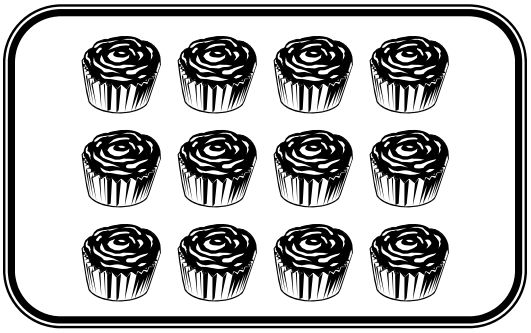
(3A)

22. Which picture shows $\frac{3}{4}$ shaded?

- ○ 
- ○ 
- ○ 
- ○ 

(3A)

Mrs. Swenson baked 12 cupcakes. She is going to give $\frac{1}{3}$ of them to her neighbor.



23. What is another name for $\frac{1}{3}$?

- ○ $\frac{2}{12}$
- ○ $\frac{4}{12}$
- ○ $\frac{6}{12}$
- ○ $\frac{8}{12}$

(3A)

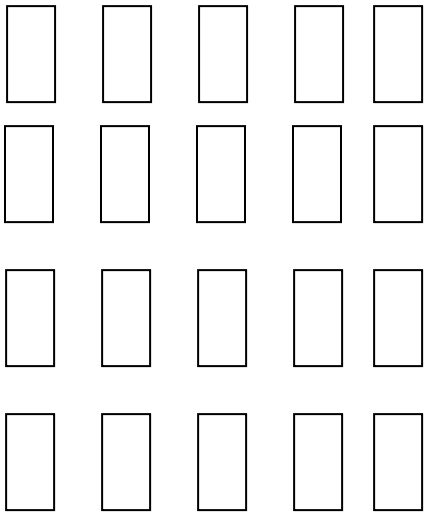
Marnie ate $\frac{2}{6}$ of the pizza.

24. What is another name for the fractional part of the pizza eaten?

- ○ $\frac{1}{2}$
- ○ $\frac{1}{3}$
- ○ $\frac{2}{4}$
- ○ $\frac{2}{3}$

(3A)

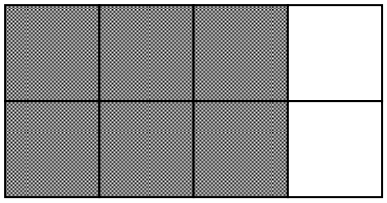
Steven had 20 pieces of paper. He used $\frac{1}{5}$ of the sheets for his book report.



25. What is another fractional name for $\frac{1}{5}$?

- ○ $\frac{4}{20}$
- ○ $\frac{5}{20}$
- ○ $\frac{8}{20}$
- ○ $\frac{10}{20}$

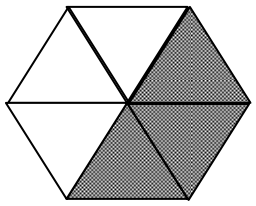
(3A)



26. What fractional part of the shape is shaded?

- ○ $\frac{1}{4}$
- ○ $\frac{1}{2}$
- ○ $\frac{3}{4}$
- ○ $\frac{2}{6}$

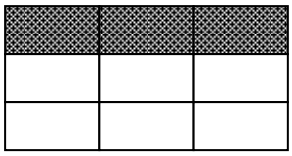
(3A)



27. What is another name for the shaded part of the hexagon?

- ○ $\frac{1}{3}$
- ○ $\frac{1}{6}$
- ○ $\frac{1}{4}$
- ○ $\frac{1}{2}$

(3A)

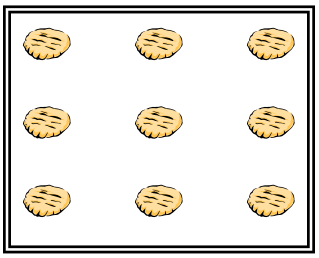


28. What is another name for the shaded part of this picture?

- ○ $\frac{1}{2}$
- ○ $\frac{1}{3}$
- ○ $\frac{1}{4}$
- ○ $\frac{1}{6}$

(3A)

Timothy had 9 cookies. He ate $\frac{2}{3}$ of the cookies.

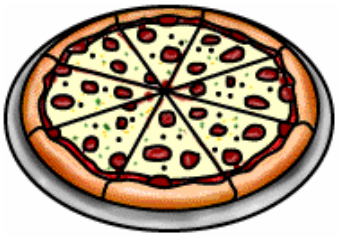


29. What is another fractional name for $\frac{2}{3}$?

- ○ $\frac{3}{9}$
- ○ $\frac{5}{9}$
- ○ $\frac{4}{9}$
- ○ $\frac{6}{9}$

(3A)

The pizza was cut into 8 equal pieces. Joe ate $\frac{1}{2}$ of the pizza.



30. Which fraction is also equal to $\frac{1}{2}$?

- ○ $\frac{2}{8}$
- ○ $\frac{4}{8}$
- ○ $\frac{6}{8}$
- ○ $\frac{8}{8}$

(3A)

There were 12 bunnies at the farm. Yesterday $\frac{2}{3}$ of the bunnies were sold as pets.

31. Which is another way to write $\frac{2}{3}$?

- ○ $\frac{2}{12}$
- ○ $\frac{6}{12}$
- ○ $\frac{4}{12}$
- ○ $\frac{8}{12}$

Name_____Date_____

Part 3: Review of Strands 4-

(4A)

The table shows how many people live in each of four towns.

Use the table to answer question 1.

Town	Population
Hull	1650
Ware	986
Adel	1877
Pace	924

1. If the towns were listed from **greatest to least** based on their populations, which town would be third on the list?

- ◯ Hull
- ◯ Ware
- ◯ Adel
- ◯ Pace

(4A)

2. The table below shows how much money four people earned at their summer jobs.

PERSON	MONEY EARNED
Ida	$5698
Donna	$4865
Terry	$4381
Nancy	$5299

Who earned the **most** money?

- ◯ Ida $5700
- ◯ Donna $4900
- ◯ Terry $4400
- ◯ Nancy $5300

(4A)

The chart shows the heights of 4 children.

Names	Height (Inches)
Corey	52
Taylor	58
Karin	53
Whitney	45

3. Which list shows the names of the children in order from **least to greatest** height?

- ◯ Whitney, Corey, Taylor, Karin
- ◯ Whitney, Taylor, Corey, Karin
- ◯ Whitney, Karin, Taylor, Corey
- ◯ Whitney, Corey, Karin, Taylor

(4A)

The fourth graders in Bridgeport voted on which strange ice cream flavor they would like to taste.

Ice Cream Flavor	Number of Votes
Easter Egg	127
Jungle Princess	331
Pickle	116
Star Wars	339

4. Which flavor had the **fewest** number of votes?

- ◯ Easter Egg
- ◯ Jungle Princess
- ◯ Pickle
- ◯ Star Wars

(4B)

5. The table below shows the pounds of newspapers that four boys collected for recycling. Dean collected more pounds than Joe but fewer pounds than Alan. Which could be the pounds of newspapers collected by Dean?

Boys	Number of Pounds
Alan	387
Bill	395
Steve	340
Joe	361

- ◯ 392
- ◯ 338
- ◯ 352
- ◯ 375

(4B)

6. Mr. Washington wants to buy Mrs. Washington a birthday present. He has $64 to spend. Which is the only present he can buy?

- ◯ 

- ◯ 

- ◯ 

- ◯ 

(4B)

The chart shows how much chocolate Mrs. Springer bought. Use the chart to answer question 7.

TYPES OF CHOCOLATE	AMOUNT BOUGHT
White Chocolate	$\frac{3}{8}$ of a pound
Milk Chocolate	$\frac{3}{4}$ of a pound
Dark Chocolate	$\frac{1}{2}$ of a pound
Semi-Sweet Chocolate	$\frac{1}{4}$ of a pound

7. What type of chocolate was the **greatest** amount bought?

- ◯ White Chocolate
- ◯ Milk Chocolate
- ◯ Dark Chocolate
- ◯ Semi-Sweet Chocolate

(4B)

8. The average weight of the Little Yellow Bat (from Central America) is $3\frac{7}{8}$ grams. This weight is

- ◯ a little less than 3 grams.
- ◯ a little more than 3 grams.
- ◯ a little less than 4 grams.
- ◯ a little more than 4 grams.

(4B)

9. A tiger was $3\frac{1}{3}$ meters long. **About** how long was the tiger?

- ◯ a little less than 3 meters
- ◯ a little more than 3 meters
- ◯ a little less than 4 meters
- ◯ a little more than 4 meters

(4B)

The table below shows the percent of dogs in the US who can perform certain tricks.

Trick	Percent of Dogs
Lie Down	7.4
"Speak"	10.6
Beg	7.2
Roll Over	11.4

10. Which trick is done by the **smallest** percent of dogs?

- ◯ Roll Over
- ◯ "Speak"
- ◯ Beg
- ◯ Lie Down

(4B)

11. A grizzly bear is 9.8 feet tall. **About** how tall is that?

- ◯ a little less than 9 feet
- ◯ a little more than 9 feet
- ◯ a little less than 10 feet
- ◯ a little more than 10 feet.

(4C)

11. Misty has $83. This amount is **about**

- ◯ $60
- ◯ $70
- ◯ $80
- ◯ $90

(4C)

15. The tallest tree in the USA is 386 feet tall. Which number is **closest** to this height?

- ◯ 360
- ◯ 370
- ◯ 380
- ◯ 390

(4C)

16. Mr. Marron caught a swordfish that weighed 496 kilograms. **About** how many kilograms did the swordfish weigh?

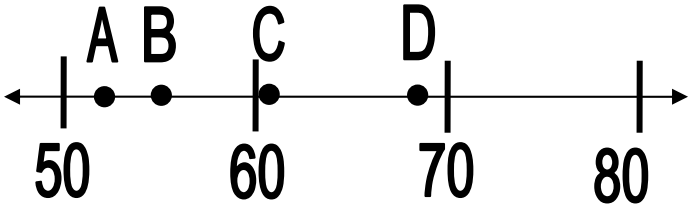
- ◯ a little less than 500
- ◯ a little more than 500
- ◯ a little less than 600
- ◯ a little more than 600

(4C)

17. Death Valley, California can have temperatures as high as 128 degrees. This number is

- ◯ a little less than 100
- ◯ a little more than 100
- ◯ a little less than 200
- ◯ a little more than 200

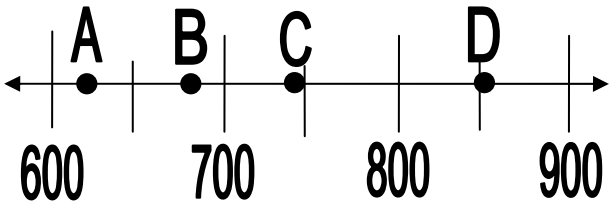
(4D)



18. Point D on the number line **best** represents which number?

- ○ 55
- ○ 68
- ○ 61
- ○ 59

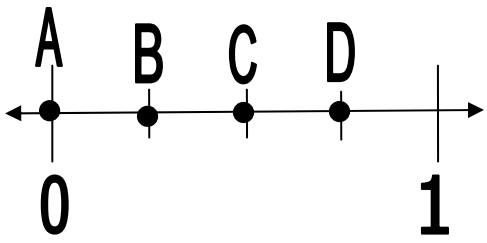
(4D)



19. Which point on the number line **most** accurately shows 680?

- ○ A
- ○ B
- ○ C
- ○ D

(4D)



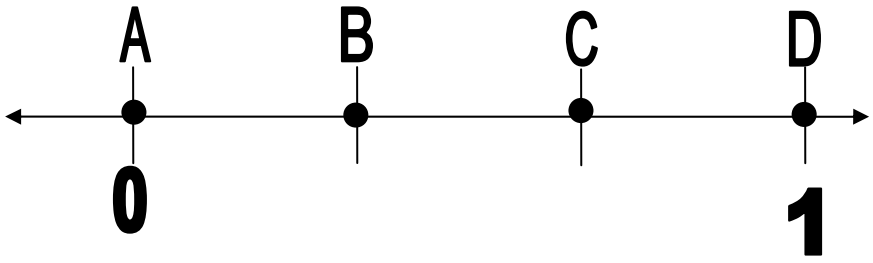
20. Which fraction is marked by letter B on the number line?

- ○ $\frac{1}{2}$
- ○ $\frac{3}{4}$
- ○ $\frac{1}{4}$
- ○ $\frac{2}{4}$

21. On the number line in problem 20, which letter **most** accurately shows $\frac{1}{2}$?

- ○ A
- ○ B
- ○ C
- ○ D

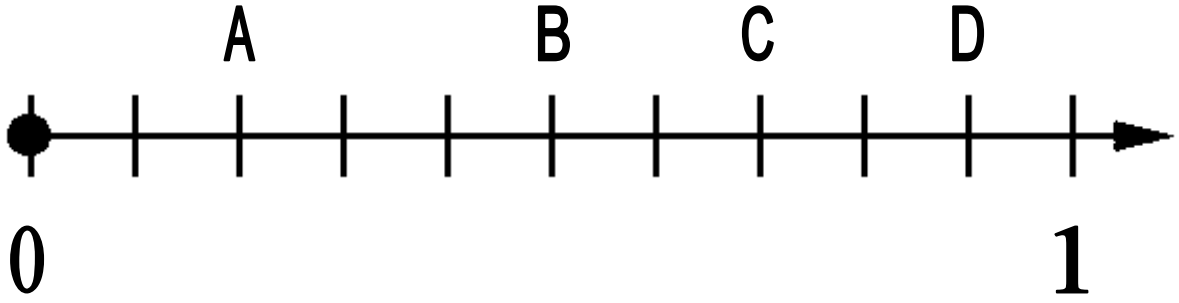
(4D)



22. Which letter on the number line **best** represents $\frac{2}{3}$?

- ◯ A
- ◯ B
- ◯ C
- ◯ D

(4D)



23. Which decimal does Point C on the number line **best** represent?

- ◯ 0.1
- ◯ 0.7
- ◯ 0.4
- ◯ 0.6