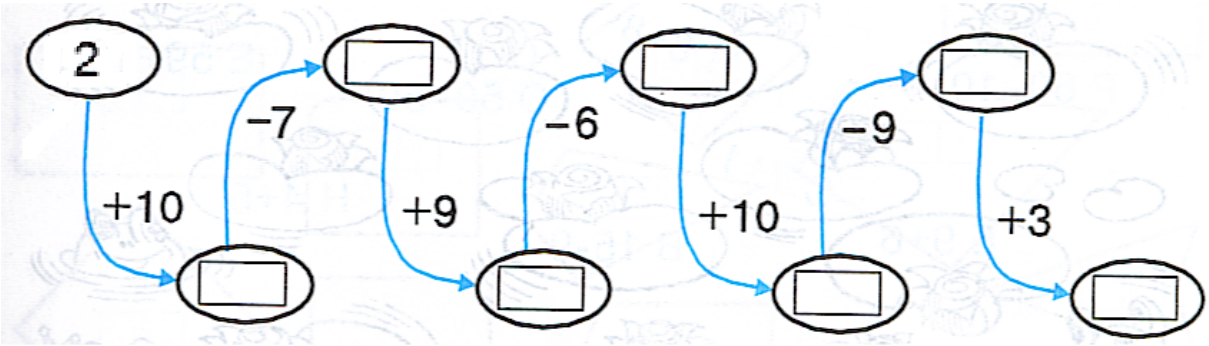
Lesson 4. Classwork

WARM-UP

1.



2. Find the sum using the most convenient method.

10 + 20 + 30 + 40 + 50 + 60 + 70 + 80 + 90 =

3 Mark each equation with T if it's True and F if it's False. Explain your answer.

2+5=6 _____

3+4=2+5 _____

8=4+4 _____

3+4+2=4+5_____

12 = 10 + 2 _____

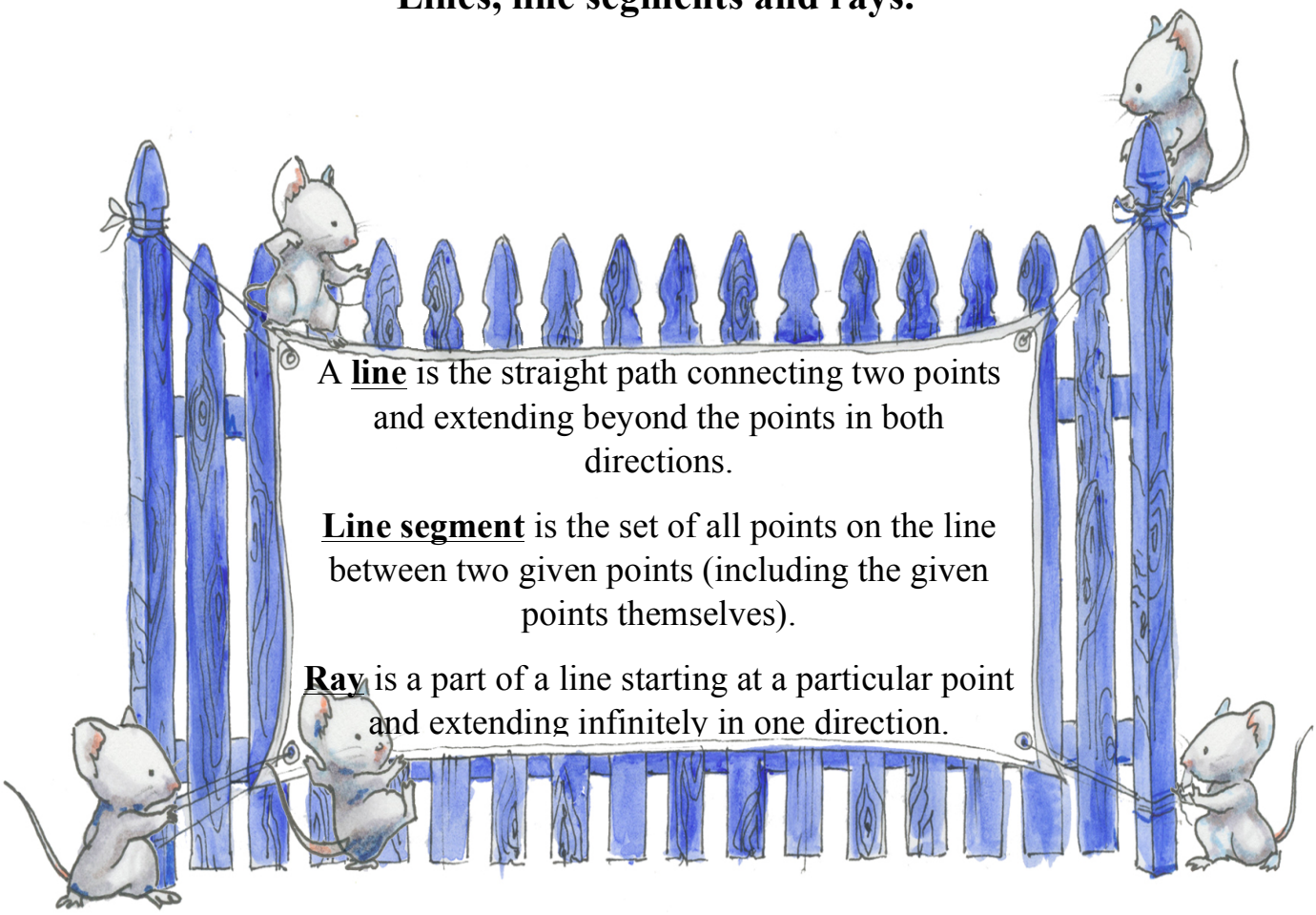
3 + 2 = 2 +3_____

32 = 23 _____

5 + 3 = 8 + 1_____

REVIEW

Lines, line segments and rays.

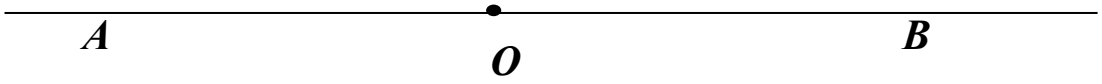


A **line** is the straight path connecting two points and extending beyond the points in both directions.

Line segment is the set of all points on the line between two given points (including the given points themselves).

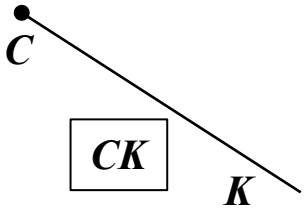
Ray is a part of a line starting at a particular point and extending infinitely in one direction.

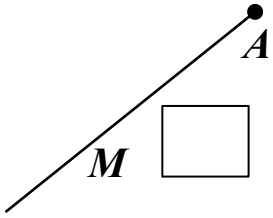
5. Point ***O*** splits the straight line ***AB*** into two parts. What is each part called? What makes each of these parts different from a straight line or from a line segment?

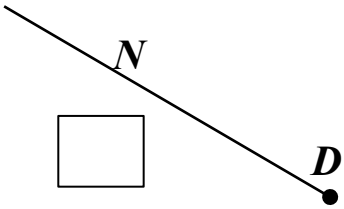


6. What will happen if we cut a line in two places? Use your ruler to illustrate. Use letters A,B,C,D to mark your drawing.

7. Circle the endpoint of each ray. How is the first ray named? Denote the other two rays the same way.

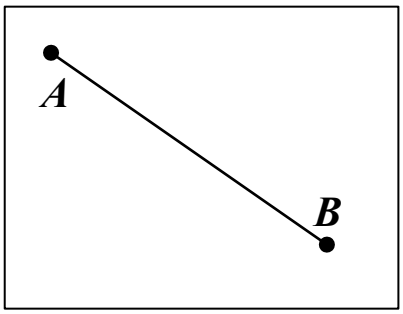


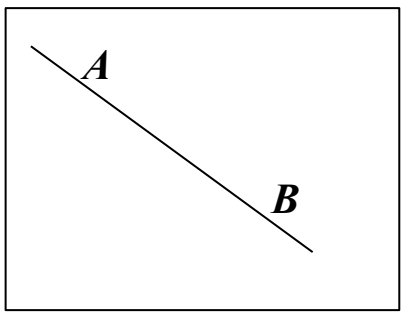


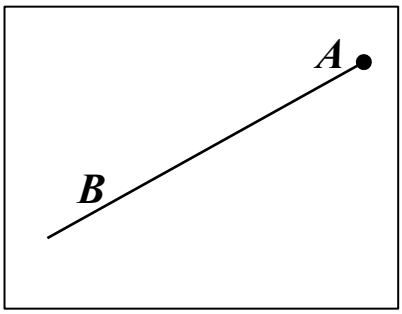


8. Connect the names with the appropriate drawings.

Straight line *AB*	Segment *AB*	Ray *AB*







NEW MATERIAL: Place value

683 = 100+100+100+100+100+100+10+10+10+10+10+10+10+10+1+1+1

9. What is the value of the underlined digit?

8̲14 – The value of the digit *8* is 8 hundreds, or 800.

2̲34 – The value of the digit *3* is 3 tens, or 30.

647̲ – The value of the digit *7* is 7 ones, or 7

10. Arrange given sets of numbers from least to greatest:

a) 209, 69, 19, 199, 9, 109 _____

b) 46, 116, 306, 26, 6, 176 _____

11. Write the numbers.

a) Seven hundred four _____

b) Five hundred forty _____

c) 3 hundred 4 ones _____

d) 8 hundreds 2 tens _____

12. Present as tens and ones:

57= 5 t + 7 o=50 +7

23= ☐ t +☐o=_____

61= ☐ t +☐o=_____

75= ☐ t +☐o=_____

17= ☐ t +☐o=_____

38= ☐ t +☐o=_____

13. Calculate by presenting as tens and ones and regrouping:

56 + 23= 5tens +6ones+2 tens +3ones= 5tens +2tens +6ones+3ones=7t+9o=79

61+32= ☐tens +☐ones + ☐tens +☐ones= ☐ t+☐ t+ ☐ o +☐ o =_____

75+33= ☐tens+☐ones + ☐tens +☐ones= ☐ t+☐t+ ☐o +☐o =_____=

_____

Challenge yourself

14. There are 5 daughters in the family. Each daughter has 1 brother. How many children are there in the family?