Homework

1 What is the name of the story?

H	4+ 9	◯	E	37+33	◯	D	84+8	◯	M	22+14	◯
I	16-8	◯	A	89-50	◯	L	42+39	◯	O	80-76	◯
B	40-5	◯	W	66-23	◯	R	26+16	◯	S	92-24	◯
T	53+8	◯	F	25+70	◯	Y	78-14	◯	V	61-41	◯
			U	75-8	◯	N	36-27	◯			

39	81	8

35	39	35	39

39	9	92

95	4	42	61	64

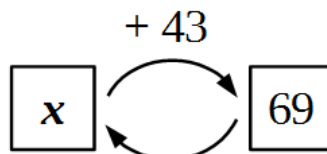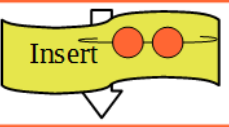| 61	13	8	70	20	70	68

2 Match the equations with the operation drawings:

$$-12$$

x ⟳ 15

$$x - 12 = 15$$

$$+9$$

x ⟳ 31

$$x + 9 = 31$$

$$+43$$

x ⟳ 69
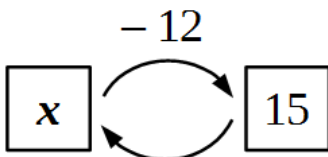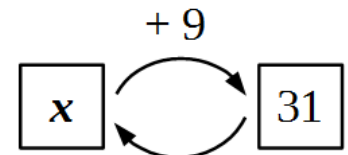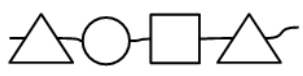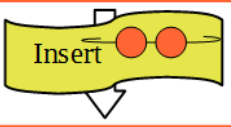
$$x + 43 = 69$$

3 Insert this chain ⟨●●⟩ between the square and the triangle:

△-○-□-△

-○-□-△-○-

Insert ●●

Insert ●●

4 Replace according to the rule: ○→■-■-△

□-▲-○-□

△-□-▲-○

5 How many operations are in each of the expressions below?

12 – 5 + 11 ○	79 – 33 + 71 ○	67+ 4 – 8 + 17 ○
34 – 17 ○	43 + 19 – 51 + 8 ○	39 – 18 + 34 - 22 ○
68 – 34 + 7 – 14 ○	33 – 28 + 14 ○	48 + 19 – 42 ○

6 Mark the order of operations and find the result.

① ②

22 + 4 - 3 =

42 – 14 – 20 + 7 =

74 + 11 – 50 =

34 +1 3 – 17 =

60 – 37 + 5 =

13 +16 – 10 – 1 =

7 Put the next two squares into the pattern.

8

Insert the missing digits into the squares:

$$+\ \frac{\begin{array}{|c|c|} \hline 8 & \\ \hline & 5 \\ \hline \end{array}}{\begin{array}{|c|c|} 9 & 7 \\ \end{array}} \qquad +\ \frac{\begin{array}{|c|c|} \hline & 3 \\ \hline 3 & \\ \hline \end{array}}{\begin{array}{|c|c|} 4 & 2 \\ \end{array}} \qquad +\ \frac{\begin{array}{|c|c|} \hline 3 & 8 \\ \hline & \\ \hline \end{array}}{\begin{array}{|c|c|} 9 & 8 \\ \end{array}} \qquad +\ \frac{\begin{array}{|c|c|} \hline & \\ \hline 1 & 4 \\ \hline \end{array}}{\begin{array}{|c|c|} 7 & 0 \\ \end{array}}$$

9

In your notebook, solve the equations and write you solutions similarly to the example. Copy your answers here. Make drawings if needed.

$75 - \textbf{x} = 41$ \qquad $\textbf{y} - 38 = 42$ \qquad $25 + \textbf{z} = 73$

X = \qquad\qquad y = \qquad\qquad z =

10

This Halloween while trick-or-treating, the brother mice (Little Joe, Foxy Tail, Pop Eye, and Jack the Mouse) were very successful; they gathered a lot of candies. Little Joe dressed as a cheese ball reached his goal of 26 candies. Wow!!! Foxy Tail, in a mousetrap costume, was the least successful with only 7 candies in his bucket.


1)   If Pop Eye and Jack the Mouse each had 13 candies, how many candies did the brother gather this Halloween?

_____

2)   If last year they end up with 60 candies altogether, what can you say about this year; was it better or worse? What is the difference in the amount of gathered candies?
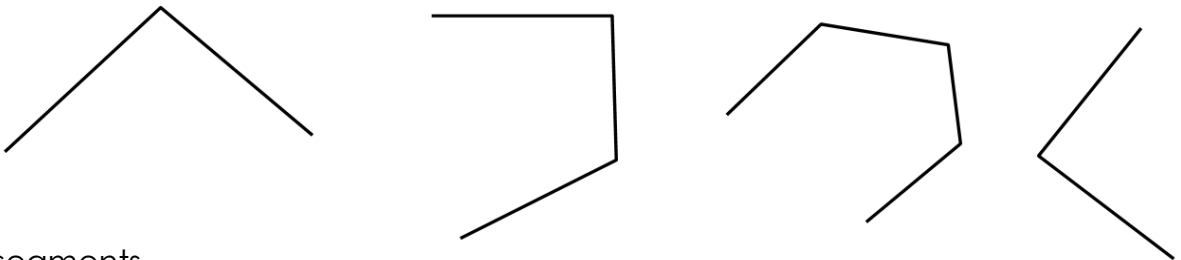
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3)   If the mice will donate 5 candies each to "Candyless mice" charity, how many candies will be left for the brothers?
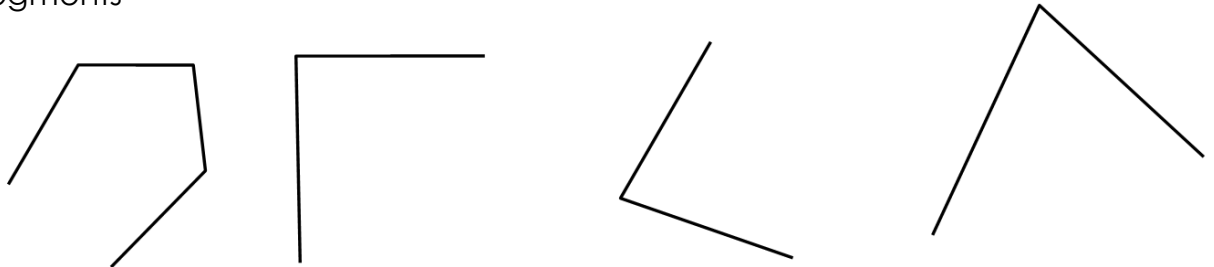
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11 Fill in the empty squares:
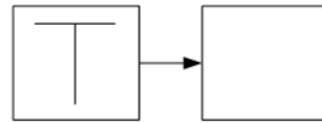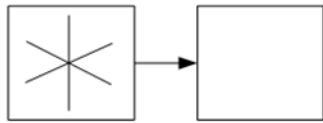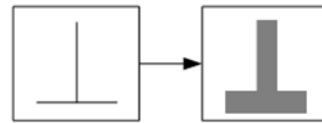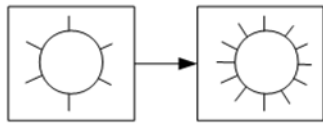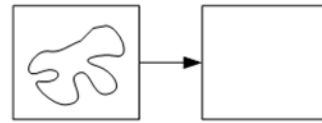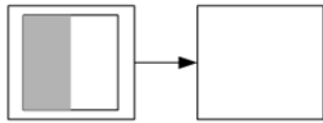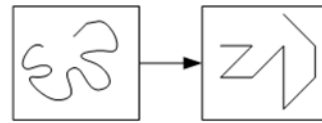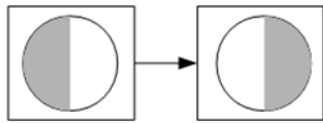
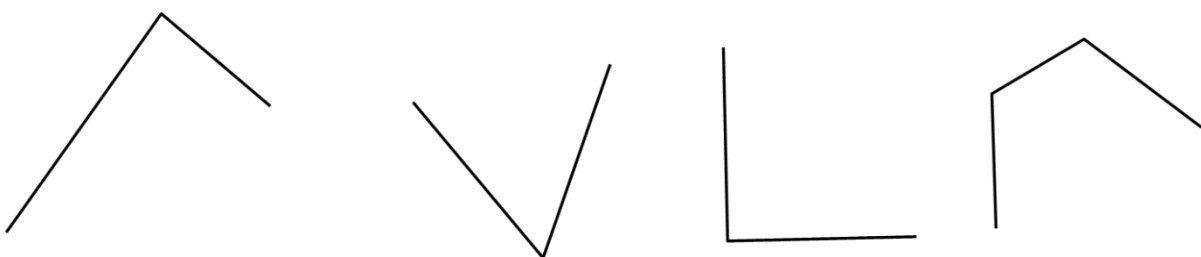## 11 Complete each drawing by making each polygonal chain closed. Use a ruler. Add …
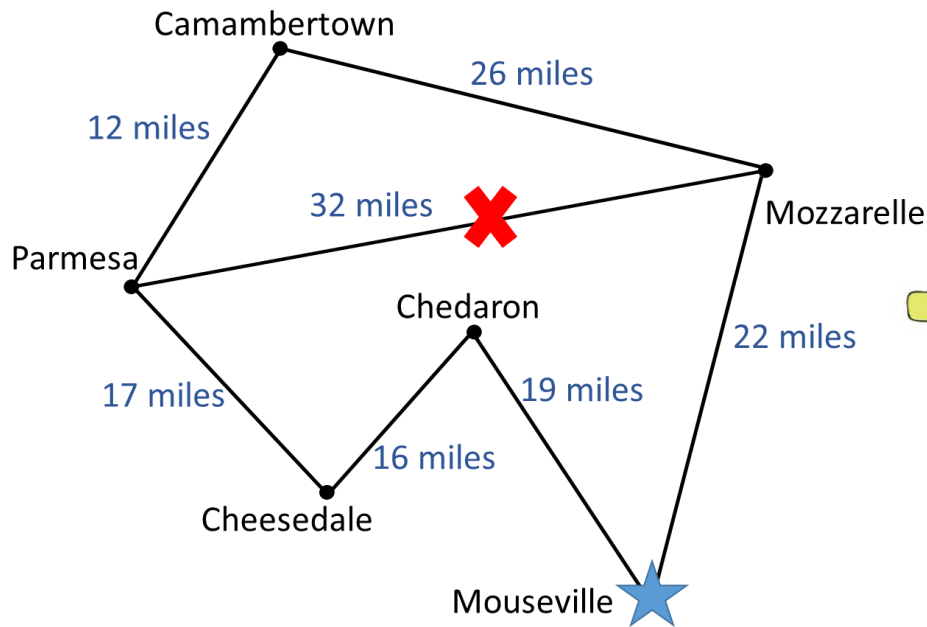
a) … one segment

b) … two segments

c) … three segments

The mouse brothers live in Mouseville. This is the map of the Mouseville area.

Camambertown

26 miles

12 miles

32 miles ❌ Mozzarelle

Parmesa

Chedaron

22 miles

17 miles

19 miles

16 miles

Cheesedale

Mouseville ⭐

One day, the four brothers decided to go on a road trip. From Mouseville, first they are thinking to visit Mozzarelle, which is known for the best mozzarella in the word. Second, they are planning to stop in Parmesa to have lunch with their grandma. However, when they arrived to Mozzarelle, they found that the road between Mozarella and Parmesa is closed ☹.

1. Using the map above, can you help the brothers to arrive in Parmesa? Is the new route longer or shorter than the old one? What is the difference between these two routes?

   _____

   _____

2. On the day of the trip, the temperature in Mouseville was 42 F. In Mozzarelle, it was 3 degrees colder, and in Parmesa, it was 2 degrees warmer than in Mozzarelle.

   1) What temperature was in Mazzarelle?

   _____

   2) What temperature was in Parmesa?

   _____