

1

The sum of m and n

The difference between 34 and x

The difference between 200 and 48

2

	9	0	7			5	0	5			3	1	4		
-	6	5	8			-	1	9	6			-	2	8	9
	7	1	8				4	1	9				2	8	9
+	1	8	9			+	5	9	9			+	4	7	4

3

a) Three boys together found 250 mushrooms. Peter found 86 mushrooms and Michael found 75. How many mushrooms did Nick find?

b) Add 15 to the difference of 97 and 35:

4

The diagram consists of five rectangles arranged in two rows. The top row contains three rectangles: a large one on the left, a medium one in the center, and a tall one on the right. The bottom row contains two rectangles: a medium one on the left and a large one on the right. The rectangles are drawn with black outlines and are empty, representing the concept of area.

5

The image contains five separate diagrams of simple polygons, each with vertices labeled with letters:

- Diagram 1:** A quadrilateral with vertices labeled A , B , C , and D . The vertices are arranged such that A is on the left, B is at the top, C is at the bottom right, and D is at the top right.
- Diagram 2:** A quadrilateral with vertices labeled E , F , G , and H . The vertices are arranged such that E is on the left, F is at the bottom, G is at the top right, and H is at the top left.
- Diagram 3:** A quadrilateral with vertices labeled I , J , K , and L . The vertices are arranged such that I is on the left, J is at the bottom, K is at the top right, and L is at the top left.
- Diagram 4:** A quadrilateral with vertices labeled M , N , O , and P . The vertices are arranged such that M is on the left, N is at the bottom, O is at the top right, and P is at the top left.
- Diagram 5:** A quadrilateral with vertices labeled Q , R , S , and T . The vertices are arranged such that Q is on the left, R is at the bottom, S is at the top right, and T is at the top left.

HW 10

Lines. Angles. Quadrilaterals.

6

Compare using $>$, $<$, or $=$.

$$75 - c - 5 \square 65 - c$$

$$77 + 1 - d \square 78 + d$$

$$a + 250 \square 250 + a$$

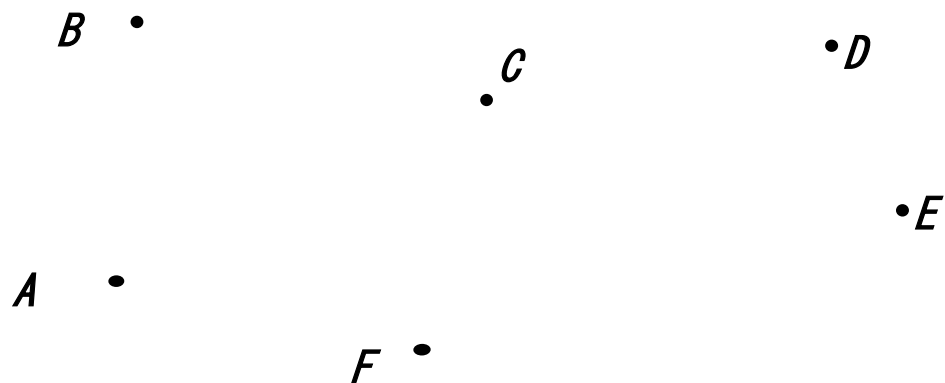
$$x - 10 + 9 \square x - 1$$

$$a - 0 \square a + 0$$

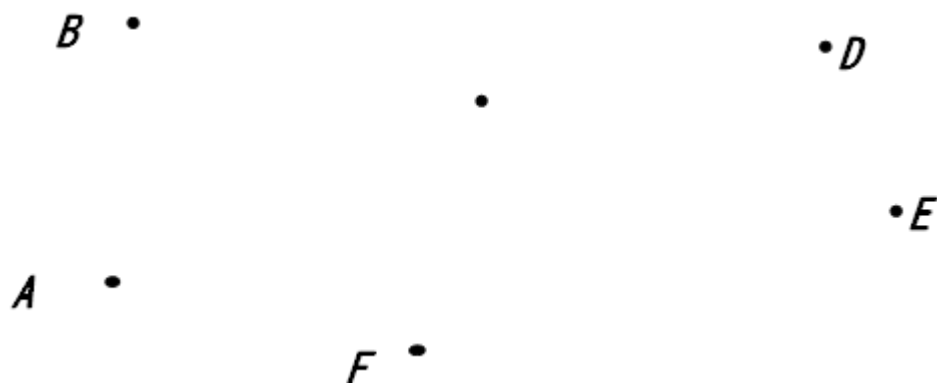
$$51 - 36 \square 52 - 37$$

7

a) Connect the appropriate points to draw a quadrilateral with only one right angle. (use the right-angle template).



c) Connect the appropriate points to draw a quadrilateral with two right angles.



8

a) The length of a rectangle is 37 cm, and its height is 14 cm. Calculate the perimeter of the rectangle. $P =$ _____

b) The length of a rectangle is 37 cm, which is 14 cm more than its height. Calculate the perimeter of the rectangle. $P =$ _____

9

A polygonal chain has 3 segments. The length of the first segment is 5 cm, the length of the second segment is 1 cm shorter, than the length of the first one, and the length of the 3rd segment equals the sum of the 1st and 2nd segments. Finds the total length of the polygonal chain.

Draw this chain.

Write down an equation and solve it:

b) Subtract 471 from x and get 529.
Check your answer.

✓

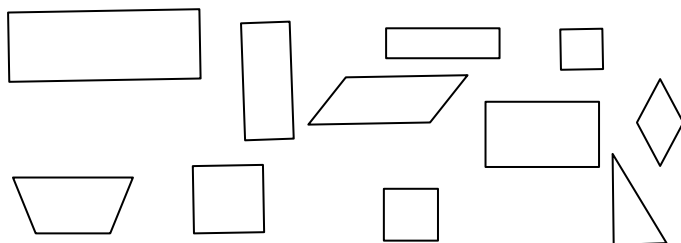
11 4

$$\begin{array}{r} 4 \square \\ + \square 2 \\ \hline 56 \end{array}$$

$$\begin{array}{r} \square 9 \square \\ - 2 \square 2 \\ \hline 246 \end{array}$$

$$\begin{array}{r} 3 \square 8 \\ + \square 3 \square \\ \hline 559 \end{array}$$

12 Circle all of the rectangles.
Draw a ✓check mark inside of all squares.



13 Convert:

9 m = dm

50 dm = m

83 dm = m dm

$$7 \text{ m } 2 \text{ dm} = \quad \text{dm}$$

14 There are apples on three plates: 1 apple on the 1st plate, 3 apples on the 2nd plate, and 8 apples on the 3rd plate. Move apples from plate to plate to make the number of apples on each plate the same. Follow the rules:

- In one move, you can take any number of apples from one plate and move them to the other plate.
- The number of apples you can add to any plate should be equal to the number of apples that are already there. In other words, you can only double the number of apples that are already on the receiving plate.
- The total number of moves is unlimited (use a separate paper to show your solution!)

