

HW 10

Lines. Angles. Quadrilaterals.

6

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

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

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

$a + 250 \square 250 + a$

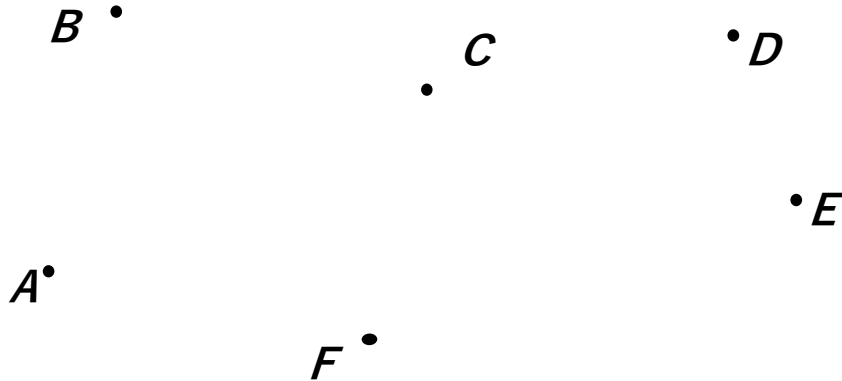
$x - 10 + 9 \square x - 1$

$a - 0 \square a + 0$

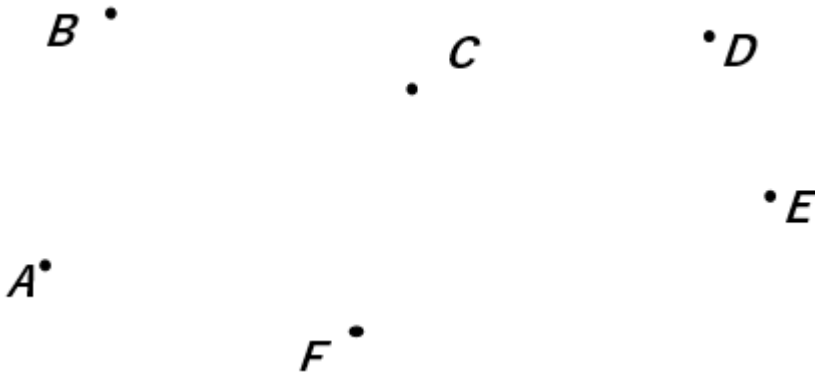
$51 - 36 \square 52 - 37$

7

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



b) 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 1cm 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 in. Draw this chain.

10 Write down an equation and solve it:

a) The first addend is unknown, the second is 138.
The sum is 207. Check!

_____ ✓

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

_____ ✓

11 Fill in the missing digits

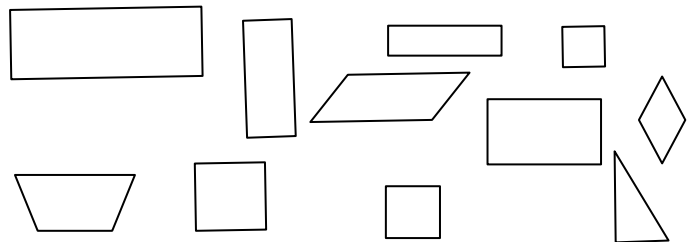
$$\begin{array}{r} 4 \square \\ + \square 2 \\ \hline 56 \end{array}$$

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

$$\begin{array}{r} 3 \square 8 \\ + \square 3 \square \\ \hline 592 \end{array}$$

$$\begin{array}{r} 71 \square \\ - \square 85 \\ \hline 4 \square 7 \end{array}$$

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



13 Convert:

6 m = ____ dm

800 cm = ____ dm

9 m = ____ dm

70 dm = ____ m

200 cm = ____ m

50 dm = ____ m

300 cm = ____ dm

400 cm = ____ m

83 dm = ____ m ____ dm

5 m 9 dm = ____ dm

48 dm = ____ m ____ dm

7 m 2 dm = ____ 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!)

