

# Homework 17

1.

Write an equation and solve them. Check your answers.

a) Which number should be increased by 128 to get 800?

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b) Which number should be decreased by 128 to get 800?

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c) By how much should be the number 928 be decreased to get 800?

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d) By how much should we increase 672 to get 800?

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**2.**

Solve using the optimal way:

$(437 + 92) - 37 = \underline{\hspace{2cm}}$

$(600 + 137) - 600 = \underline{\hspace{2cm}}$

$128 - (28 + 4) = \underline{\hspace{2cm}}$

$949 - (5 + 49) = \underline{\hspace{2cm}}$

$215 - (97 + 3) = \underline{\hspace{2cm}}$

$302 - (5 + 195) = \underline{\hspace{2cm}}$

Calculate:

$548 + 0 =$

$0 + 491 =$

$864 - 0 =$

$346 - 346 =$

$0 + 0 =$

$0 - 0 =$

$111 \times 0 =$

$2 \times 0 =$

$0 \times 39 =$

$20 \times 30 =$

$15 \times 100 =$

$200 \times 2 =$

$50 \times 100 =$

$25 \times 10 =$

$40 \times 10 =$

**3.**

There was **10** fish in an aquarium, and then **8** more fish were added. How many fish are in the aquarium?

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There are ***m*** fish in an aquarium, and then **6** more fish were added. How many fish are in the aquarium?

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There are ***m*** fish in an aquarium, and then ***k*** more fish were added. How many fish are in the aquarium?

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There are ***d*** fish in the first aquarium and ***p*** fish in the second aquarium. How many fish are in both aquariums?

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There are **16** fish in the first aquarium and **12** fish in the second aquarium. How many more fish are in the first aquarium than in the second one?

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There are ***n*** fish in the first aquarium and ***t*** fish in the second aquarium. How many

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more fish are in the first aquarium than in the second one?

**4.** Write a correct expression and solve each problem:

*a).* One gift basket contains 5 pieces of fruit. How many pieces of fruit would be in 4 baskets?

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*b).* There are 6 pencils per box. How many pencils would be in 5 boxes?

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**5.** *c).* One pumpkin weighs as much as 2 watermelons. How many watermelons would balance 6 pumpkins?

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**6.** Calculate:

$20 \times 30 =$

$15 \times 100 =$

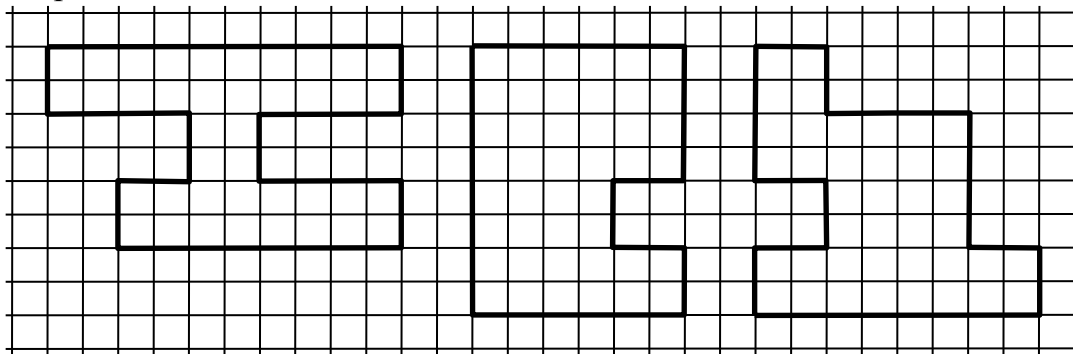
$200 \times 2 =$

$50 \times 100 =$

$25 \times 10 =$

$40 \times 10 =$

**7.** a) How many squares are in each shape? What is the easiest way to count the squares?

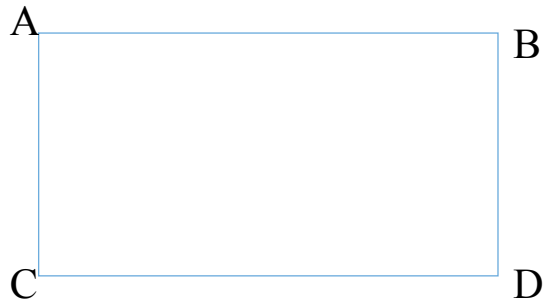


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8. Find perimeter of the following rectangle ABCD, use the ruler to measure the sides:




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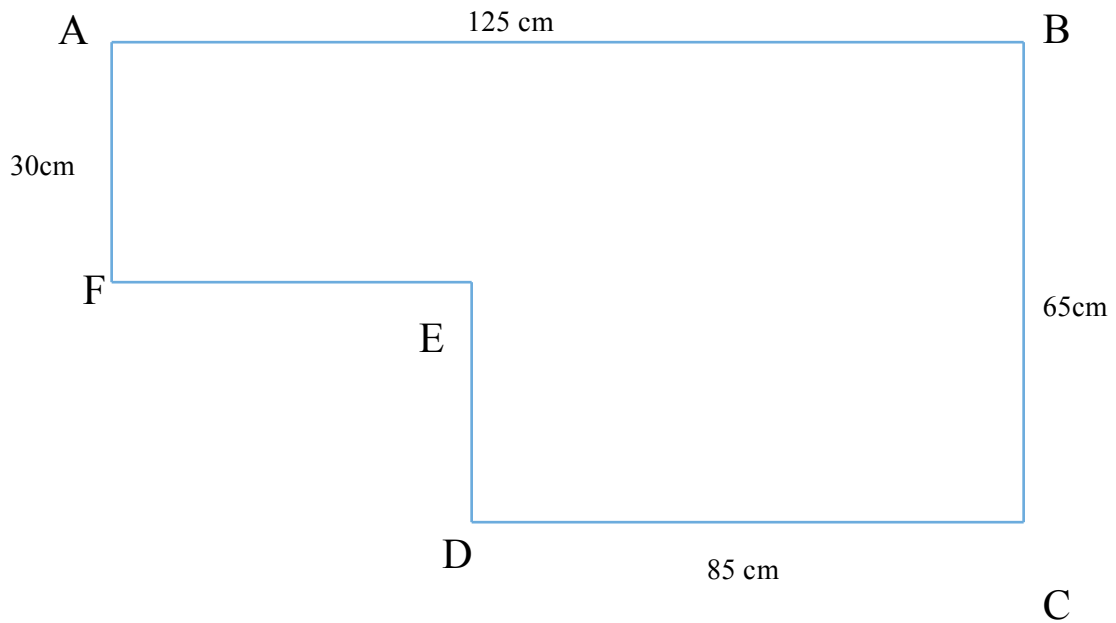


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9. Find the perimeter of the following figure, if you know some of the sides:




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**10.**

Open parentheses and try to calculate. *HINT: if you do everything correctly, the answer will be just one letter!*

$$(a + b + c) - (c - d - e - f - g) - (a + b) - (e + d + f + g) + a =$$

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