

Homework

- 1 In your notebook, solve the equations and check the answer. Copy your answers here.

$$35 \div x + 25 = 32$$

$$x = \underline{\hspace{2cm}}$$

$$x \cdot 10 + 70 = 170$$

$$x = \underline{\hspace{2cm}}$$

$$x \cdot 6 - 2 = 58$$

$$x = \underline{\hspace{2cm}}$$

- 2 Open up the parentheses:

$$78 - (56 - a) + c =$$

$$a + (b - f) - (k + m) =$$

$$(a + b - c) + (s + n) =$$

$$(z - p) + (k + h) =$$

$$(k - 95) + (d + 1) =$$

$$(3 + e - j) - (f - 55 + d) =$$

- 3 Solve the problems.

There are **9** apples in two buckets. Out of them **b** are in the first bucket. How many apples are in the second?

There are **a** apples in two buckets. Out of them **4** are in the first bucket. How many apples are in the second?

There are **a** apples in two buckets. Out of them **b** are in the first bucket. How many apples are in the second?

- 4 Anna, Fiona, Mike, and Dan were participating in a hotdog eating contest. The winner is a person who eats the most hot dogs. Dan ate more hot dogs than Fiona, and Mike ate fewer hot dogs than Anna. It is known that Dan did not win the contest. Can we tell who won?

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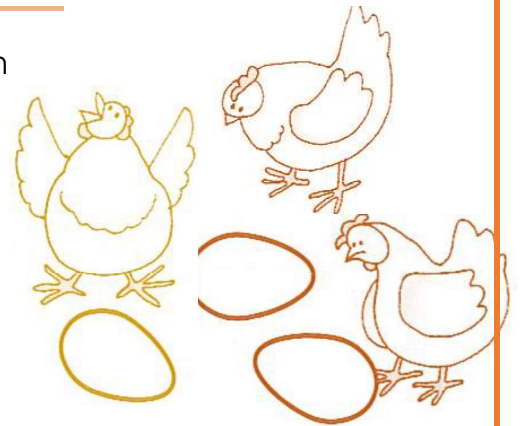
a) Two sons and two fathers ate 1 apple each. How many apples were eaten?

b) There are some geese and horses on a meadow. They have 10 heads and 26 legs altogether. How many geese and horses are there?

c) While standing on one leg, a hen weights 6 kg. How much she will weight if she stands on two legs?

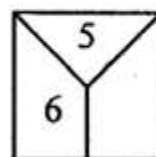
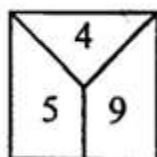
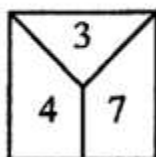
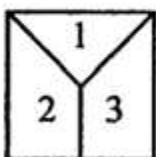
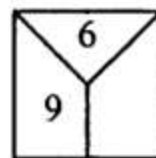
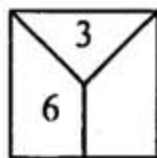
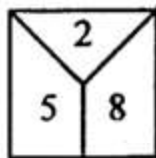
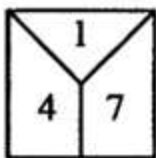
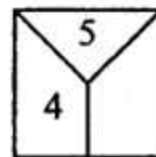
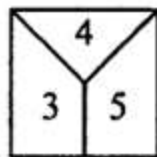
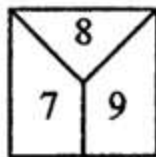
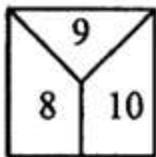
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If it takes 5 minutes for 5 hens to lay 5 eggs, how much time will it take 100 hens to lay 100 eggs?



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Which numbers are missing in each row?

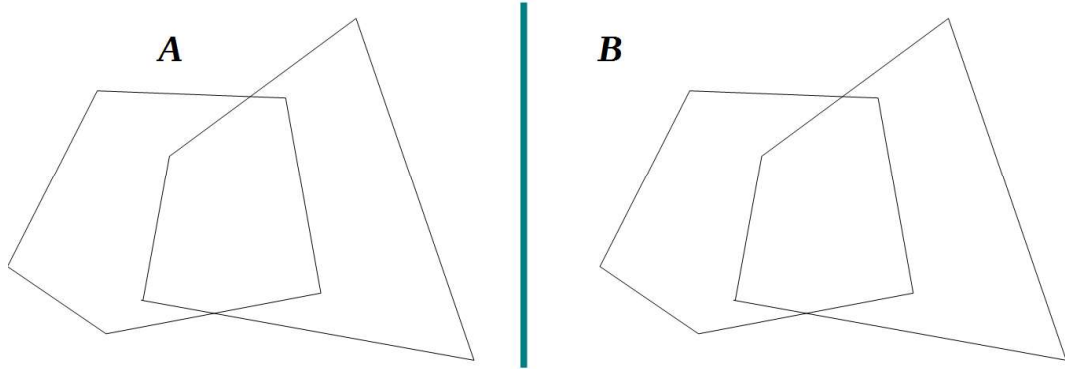


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Color the pentagon if:

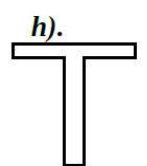
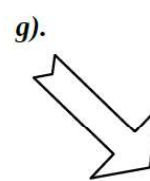
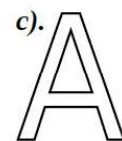
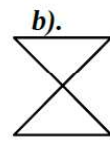
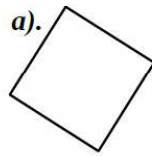
a) ... the pentagon is on top of the quadrilateral;

b) ... the pentagon is under the quadrilateral.



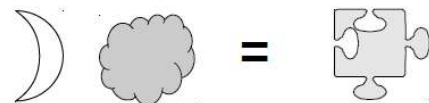
9

Find the lines of symmetry.



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If you know that



then

