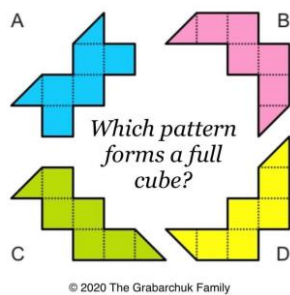


1. In order to prepare a homemade dried fruits and nuts mix Mary took 6 parts of raisins, 5 parts of dried cranberries and 3 parts of walnuts. Cranberries and walnuts altogether weighted 2 kg 400 g. What was the weight of the mix that Mary prepared?
2. To do her homework, Julia solved math problems, wrote an essay, and did a history project. It took her 2 hours and 15 minutes to finish all the assignments. The ratios of the times she spends doing math, writing the essay, and doing history project are 3:2:1. How much time did she spend for each of her subjects?
3. A book is 25% more expensive than a notebook. How many percent the notebook is less expensive than the book?
4. In a department store, there is a sale of 25% off on everything. How much does the dress cost if its price before sale was \$80? How much this dress will cost if an additional sale of 30% of will be applied?
5. There are 40000 books in a library. 75% of all books are in English, 10% of all books are in Spanish and the rest of the books are in French and German. How many books are there in the library in English and in Spanish?
6. *Dry cranberries contain 25% of water. How much water should be evaporated from 5 kg of fresh cranberries to get dry cranberries, if fresh cranberries contain 85% of water?
7. Solve the following equations:
 - a. $x - 2(x - 3(x - 4(x - 5))) = 6$
 - b. $5x - 4(x - 3(x - 2(x - 1))) = 2$
 - c. $x - (x - (x - (x - 1))) = 1 - (2 - (3 - (4 - x)))$
 - d. $4x - (3x - (2x - (x - 1) - 2) - 3) - 4 = 0$
8. Draw a triangle ABC. The length of the side [AB] is 4 cm. The angle $\angle CAB$ is 35° , and the angle $\angle CBA$ is 120° . Draw all three medians in the triangle.
9. Draw a triangle ABC. The length of the side [AB] is 4 cm the length of [BC] is 4 cm. The angle $\angle ABC$ is 70° . Draw all three medians in the triangle.

10.



11. Evaluate:

a. $\left(1.5 : \frac{1}{3} - \frac{3}{8} : 0.25\right) \cdot 3.2 - 3.2 \cdot \frac{5}{8};$

b. $\frac{7}{40} : 2\frac{11}{12} - 0.1 \cdot \left(1.45 : 2\frac{1}{3} - \frac{1}{20} : 2\frac{1}{3}\right)$

12.