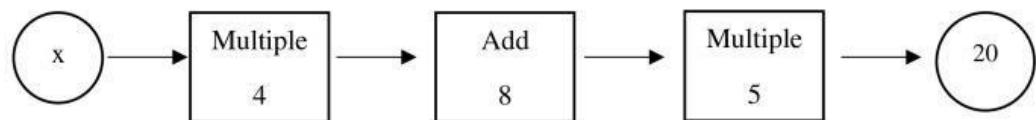
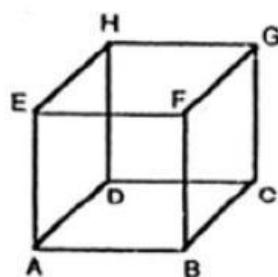


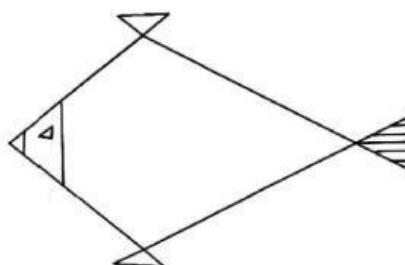
1. Determine the value of x that satisfies the operation following:



2. There are 4 types of cakes available in a cake shop: chocolate, cheese, blueberry, and blackforest. Naomi wants to buy 2 different types of cakes. How many different choices does she have?
3. Let ABCDEFGH be a cuboid such that $AB = 10 \text{ cm}$, $BC = 2 \text{ cm}$, $BF = 5 \text{ cm}$. How many cubes of length $\frac{1}{2} \text{ cm}$ would be required to fill the cuboid?



4. How many triangles are there in the pictures below?



5. Budi can ride a bicycle for 15 km in 50 minutes. At the same speed, how long will it take Budi to reach a distance of 12 km?
6. At a book fair, there was an equal number of Chinese books and English books. At the end of the day, 84 Chinese books and 156 English books were sold. The ratio English books became 4:7. How many books were there altogether at the beginning of the day?
7. If each letter A to Z is paired with a natural number, Example: A= 1; B = 2; and so on, then the number of numbers in the sentence “AKU SUKA MATEMATIKA” is ...

8. Anita just bought a book. Every day, he reads the book in the same number of pages. After 8 days, he had read it from the contents of the book. 4 days later there were only 100 pages of the book he had not read. What is the total number of pages in the book?
9. Consider the following number patterns: 2, 9, 28, 65, 126, a. The value of a in the number pattern is ...
10. Count the number of straight lines in the given figure.

