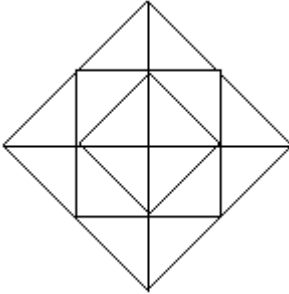
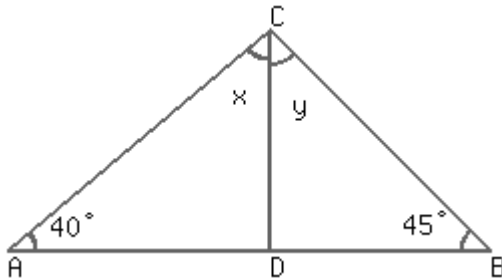


### Answer the questions

- (1) How many triangles are there in the figure below ?

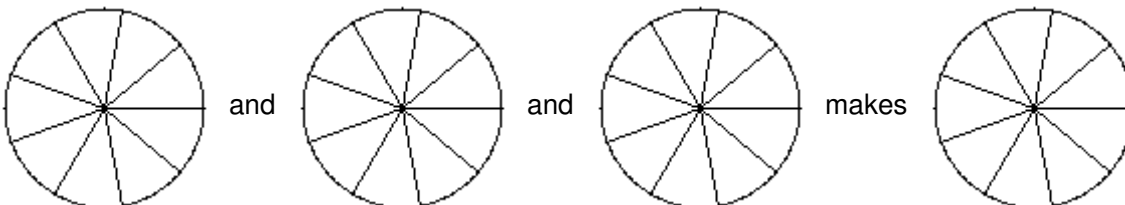


- (2) Among five friends, Christina is taller than Svetlana, but not as tall as Monika. Sebastian is taller than Marina but shorter than Svetlana. Who is the tallest in the group ?
- (3) If angles  $\angle ADC$  and  $\angle BDC$  are right angles, find value of  $x + y$ .



- (4) Ruslan is reading a story book, and this book has 330 pages. Ruslan manages to read  $\frac{2}{33}$  of the book every day. After 4 days, how many pages are left for him to read?
- (5) What is the length of each side (in cm) of a square which has a perimeter of 304 cm?
- (6) Shade the images to show the following fraction addition:

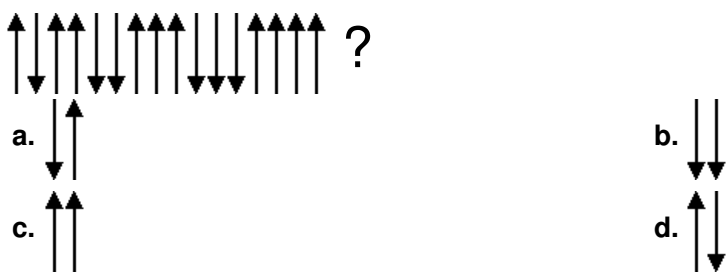
$$\frac{5}{9} + \frac{2}{9} + \frac{1}{9} =$$



- (7) Convert the units:  
10 millimeters = \_\_\_\_\_ centimeters
- (8) The yearly rent of a house is €40800. If Jan wants to rent the house for only 4 months, how much rent will he get?
- (9) How many basic numerals are there in the Roman number system?

Choose correct answer(s) from the given choices

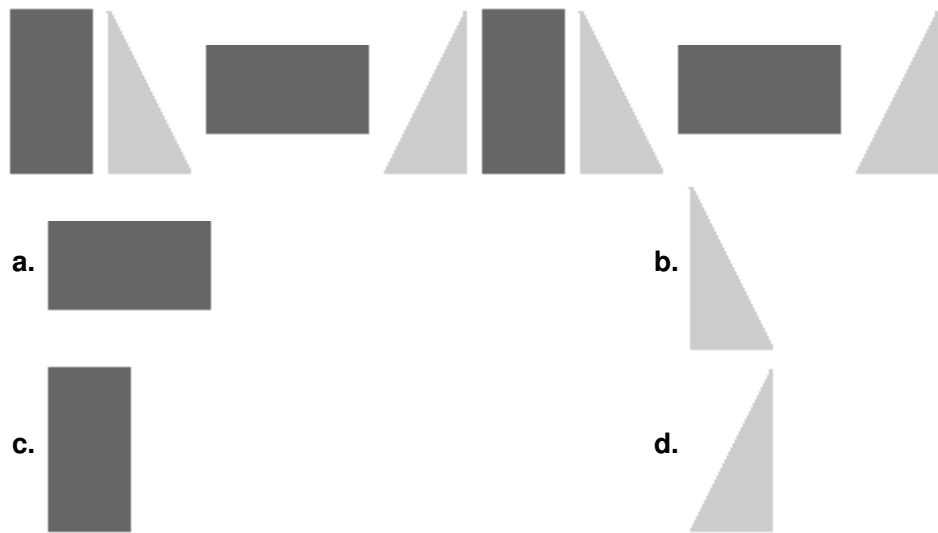
(10) Complete the pattern:



(11) All prime numbers greater than 2 are:

- a. Greater than hundred
- b. Multiples of 10
- c. Odd
- d. Even

(12) Which is the next figure in the sequence shown below?



(13) The LCM of two numbers is given as 348. Which of the following can be their HCF?

- a. 173
- b. 28
- c. 29
- d. 34

Fill in the blanks

(14) Fill in the blanks:

- A)  $24 \div 3 = \underline{\hspace{1cm}}$
- B)  $27 \div \underline{\hspace{1cm}} = 3$
- C)  $\underline{\hspace{1cm}} \div 6 = 6$
- D)  $32 \div \underline{\hspace{1cm}} = 8$
- E)  $8 \div 4 = \underline{\hspace{1cm}}$
- F)  $70 \div 7 = \underline{\hspace{1cm}}$

(15) The least common multiple (LCM) of 42 and 36 is           .