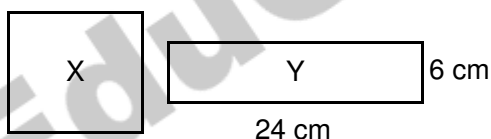
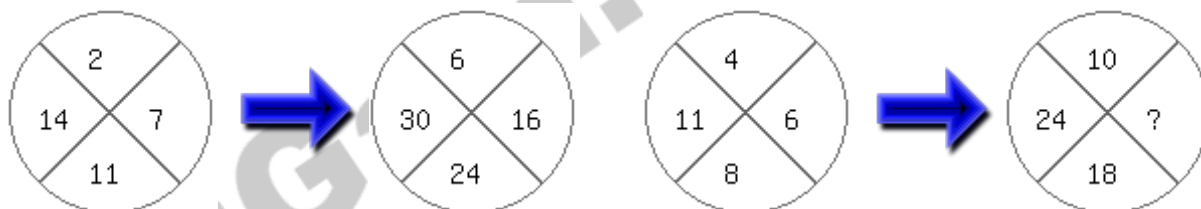


Answer the questions

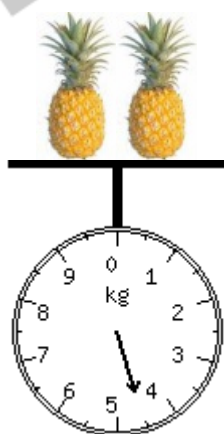
- (1) If $\spadesuit \times 5 = \heartsuit$, and
 $\heartsuit - \spadesuit = 600$,
 then what is the value of $\heartsuit + \spadesuit$?
- (2) If the area of square X and rectangle Y (given below) is equal. Find the side of square X.




- (3) Austin multiplies the fourth multiple of 5 by the fifth multiple of 5. What will be the result?
- (4) Jacob rolls a cube in which the letters L, Z, F, W, N and X appear on faces 1, 2, 3, 4, 5, and 6, respectively.
 What is the fraction of symmetric letters (either horizontal or vertical) on the cube?
- (5) Find the missing number:



- (6) If the weight of the two pineapples is the same, what is the weight of one pineapple (write in mixed fraction) ?



- (7) What is the value of  ?

$$\frac{7}{11} + \frac{2}{11} + \frac{1}{11} + \frac{\text{?}}{11} = 1$$

- (8) If sum of both the horizontal and the vertical row is same, find the missing value.

	$\frac{8}{23}$	
$\frac{6}{23}$	$\frac{8}{23}$	
	$\frac{3}{23}$	

- (9) After buying 4 colour pencils for \$16 each, Ryan is left with \$6. How much amount did he have at first?
- (10) In a community, two neighbours have rectangular backyards having the same area of 720 sq. meter. If the width of first backyard is 6 meter and the width of second backyard is 60 meter, find which backyard will require more fencing and by how much?
- (11) Christian and Michael are ranked 17th and 16th respectively from the top in a class of 27 students. What are their respective ranks from the bottom?

Choose correct answer(s) from the given choices

- (12) Compare Roman Numbers

MCCCLX _____ MCMXC (use <, >, =)

a. =

b. none

c. <

d. >

- (13) Jennifer solved the problem as shown below. Which expression could be used to check her result?

$$\begin{array}{r} 679 \\ 20 \overline{)13582} \\ \text{Remainder: } 2 \end{array}$$

a. $(679 \times 2) + 20$

b. $(20 \times 679) + 2$

c. $(20 + 679) \times 2$

d. $(679 \div 2) + 20$

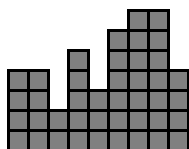
(14) The following table shows the number of paintings drawn by Brianna and Jenna in 4 weeks.

Weeks	Brianna	Jenna
1	6	5
2	3	1
3	6	4
4	7	9

Which of the following statements is true?

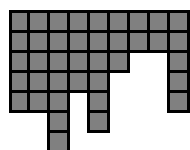
- a. In the first and last week together Brianna drew more paintings than Jenna.
- b. In 4 weeks Brianna drew fewer paintings than Jenna.
- c. In the first two weeks Brianna drew fewer paintings than Jenna.
- d. In the last two weeks Brianna and Jenna drew the same number of paintings.

(15) A square is broken in two pieces.

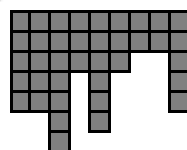


If one piece is as shown above, which is the other piece?

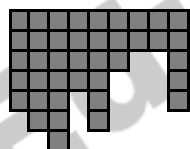
a.



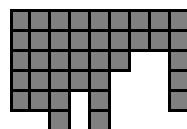
b.



c.



d.



© 2018 Edugain (www.edugain.com).
All Rights Reserved

Many more such worksheets can be
generated at www.edugain.com

Answers

- (1) 900
- (2) 12 cm
- (3) 500
- (4) $\frac{2}{6}$
- (5) 14
- (6) $2\frac{1}{4}$ kg
- (7) 1
- (8) $\frac{5}{23}$
- (9) 70
- (10) First, more by 108 meter
- (11) 11th and 12th
- (12) c. <
- (13) b. $(20 \times 679) + 2$
- (14) d. In the last two weeks Brianna and Jenna drew the same number of paintings.
- (15) a.

