

# Crosswords

With many other exercises



*A wholesome booster for  
excellent results.*

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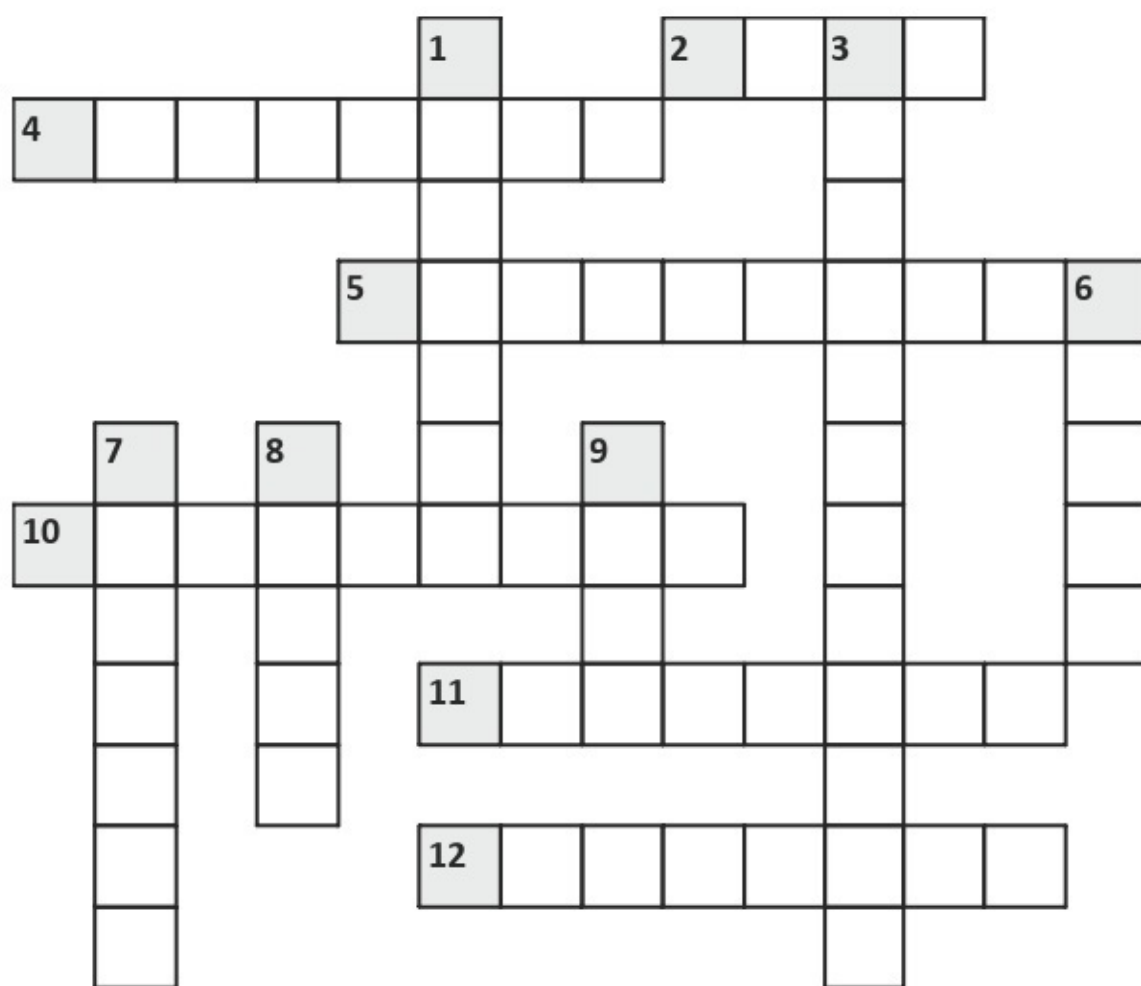
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# Mathematics

## Crossword - 1 (Introduction to Numbers)



### ACROSS

- 2 Neither positive nor negative.  
 4 Arranging in sequence.  
 5 The value of a digit based on its position in the given number.  
 10 Part that is left over after division.  
 11 Result of division.  
 12 Approximate calculation.

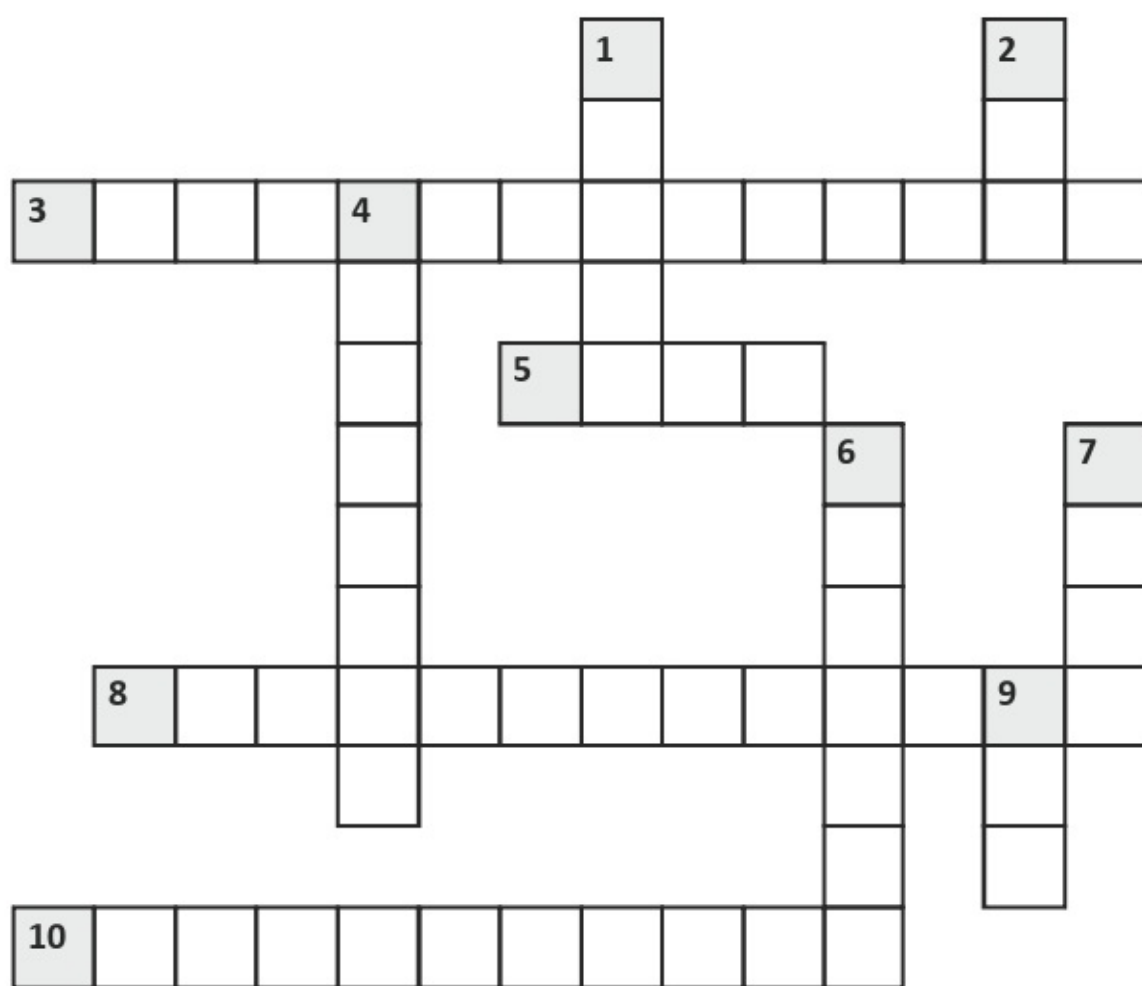
### DOWN

- 1 Ten thousand hundreds.  
 3 Number zero does not have a  
 6 Mathematical symbol placed between the same value.  
 7 Insert commas to separate.  
 8 Sixth place of Indian system of numeration.  
 9 Face value and place value of zero is

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## ***Crossword - 2 (Factors and Multiple)***

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### **ACROSS**

- 3** Multiple of a number is obtained by this operation.
- 5** A factor of a number is the number that when divides the given number leaves remainder.
- 8** Expressing a number as a product of its factors.
- 10** Every composite number can be expressed.

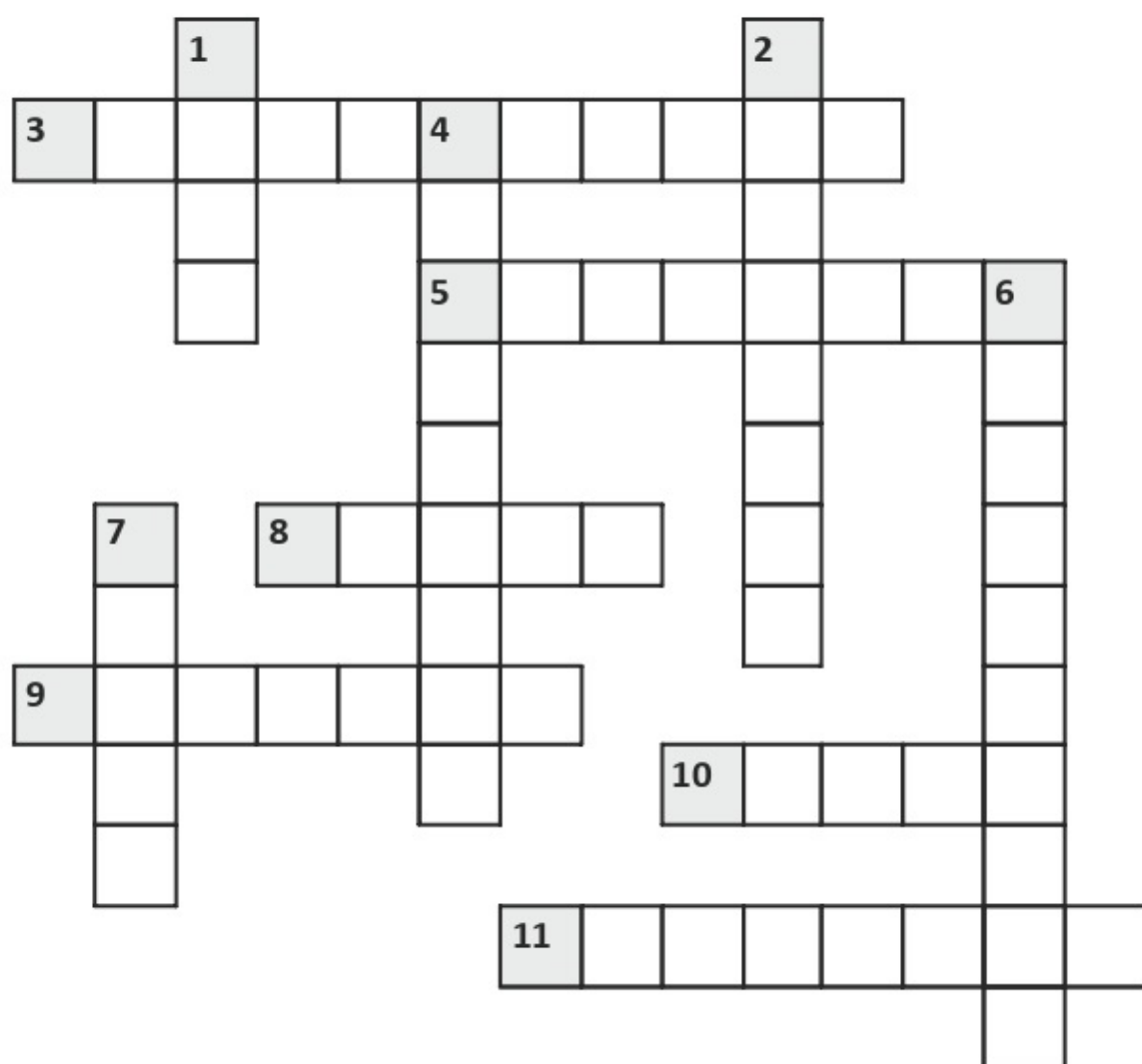
### **DOWN**

- 1** Co-primes need not be
- 2** Only even prime number.
- 4** Number of multiples of a number.
- 6** What we can multiply to get number ?
- 7** Multiples of two.
- 9** Number that is neither prime nor composite.

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### ***Crossword - 3 (Fractions and Decimals)***

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#### **ACROSS**

- 3** Part to the right of decimal.  
**5** Every fraction is a \_\_\_\_\_ of a unit fraction.  
**8** Divide up.  
**9** In terms of division denominator corresponds to  
**10** The cross product of equivalent fractions.  
**11** Parts of a whole.

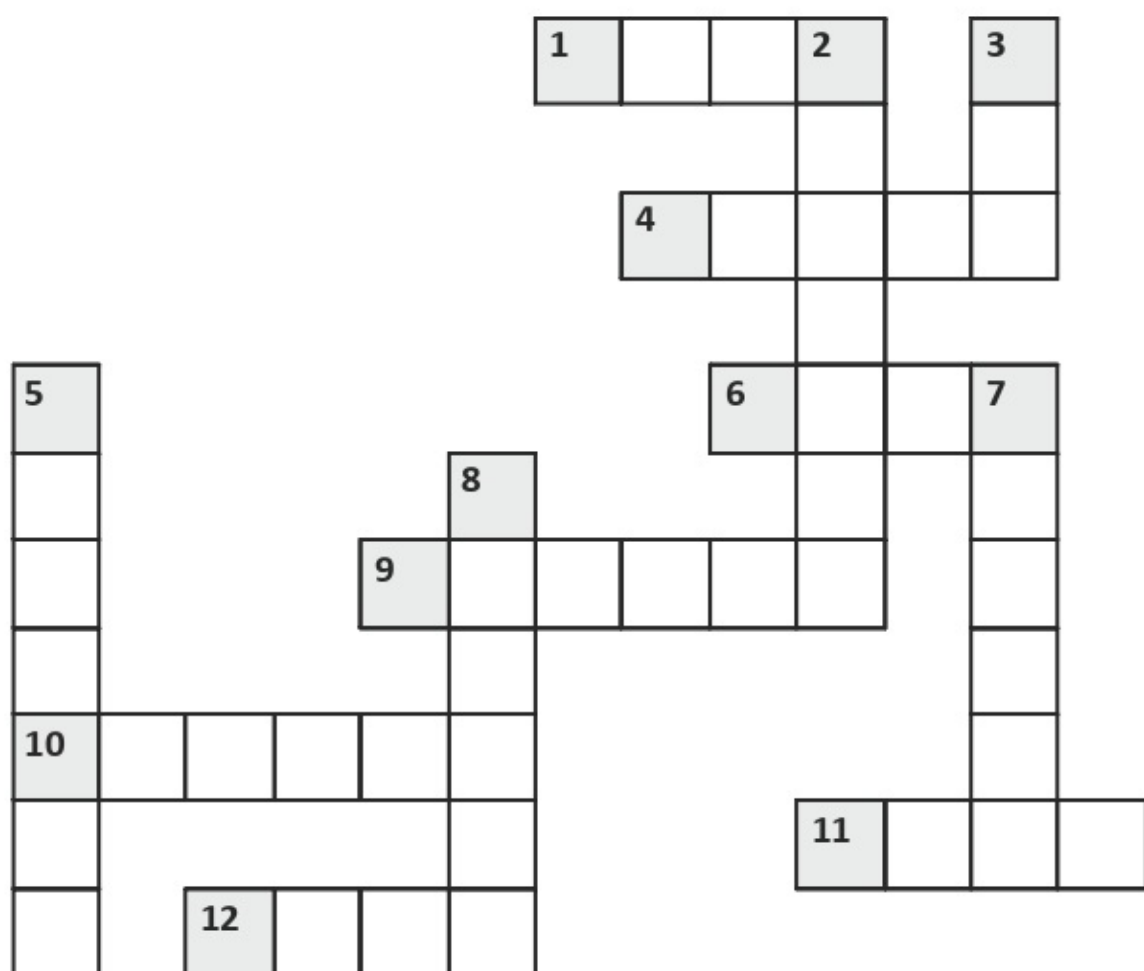
#### **DOWN**

- 1** Reciprocal of  $\frac{1}{4}$ .  
**2** Fraction written in a special form.  
**4** Upper half of fraction.  
**6** Different decimals that name the same number of amount.  
**7** Decimal dot.

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### Crossword - 4 (Measurement)

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#### ACROSS

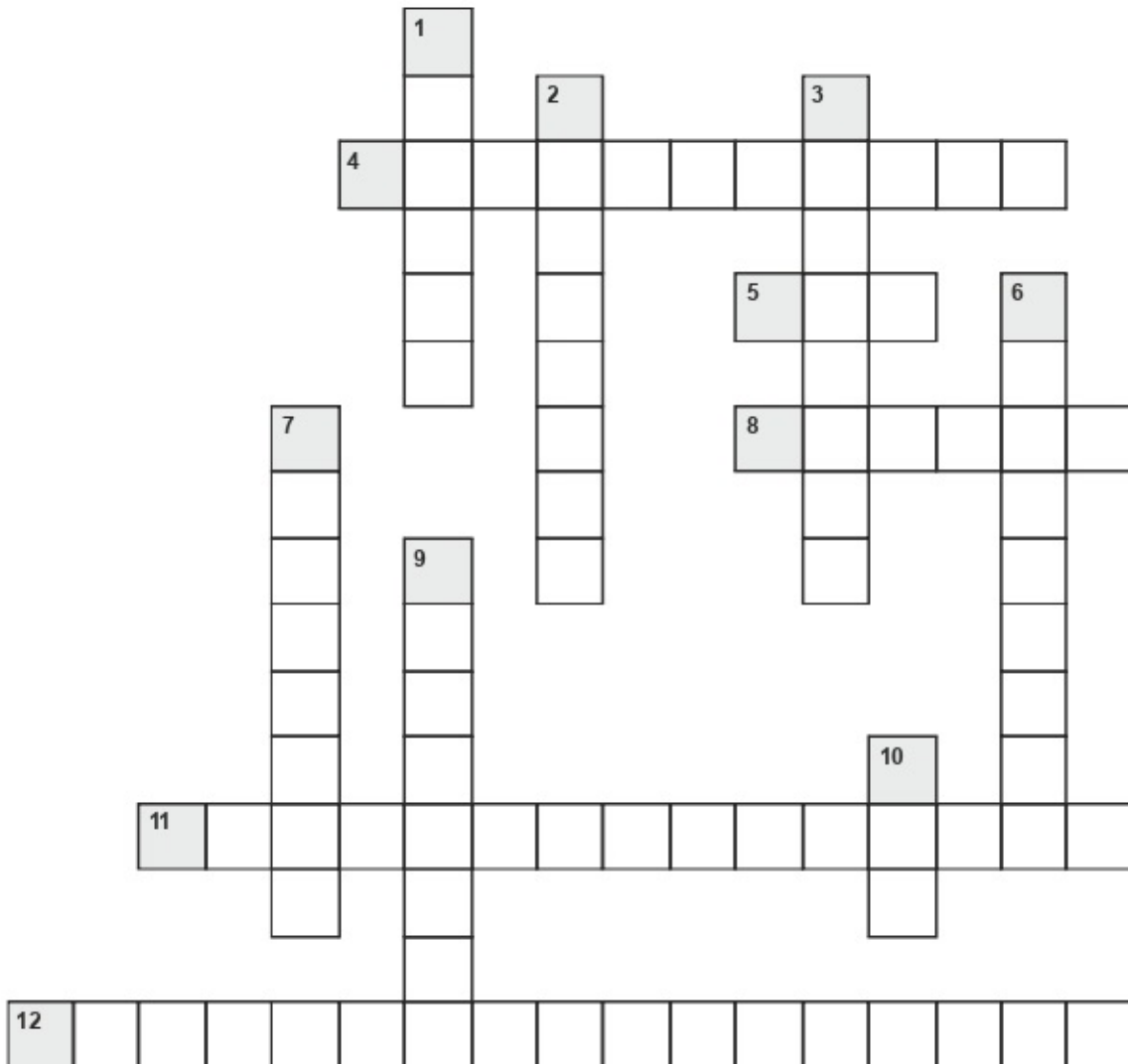
- 1** Notes and coins.
- 4** The official currency issued by a government or national bank.
- 6** Standard unit of mass
- 9** Portion of time.
- 10** Snowfall prediction units.
- 11** Heaviness
- 12** Minted metal.

#### DOWN

- 2** Latin word of century.
- 3** Twenty-four hours.
- 5** A metric unit of temperature.
- 7** Half of Monday, quarter of Thursday and all of 29 others.
- 8** Any of four quarters of the year.

# Computers

## Crossword - 1 (Introduction to Computers)



### ACROSS

- 4** Used to provide energy to the computer.
- 5** It stores data and instructions only when computer is turned on.
- 8** Backs up the information on the computer.
- 11** The software that supports a computer's basic functions.
- 12** Some parts are not necessary to run the computer, but they help to perform different functions.

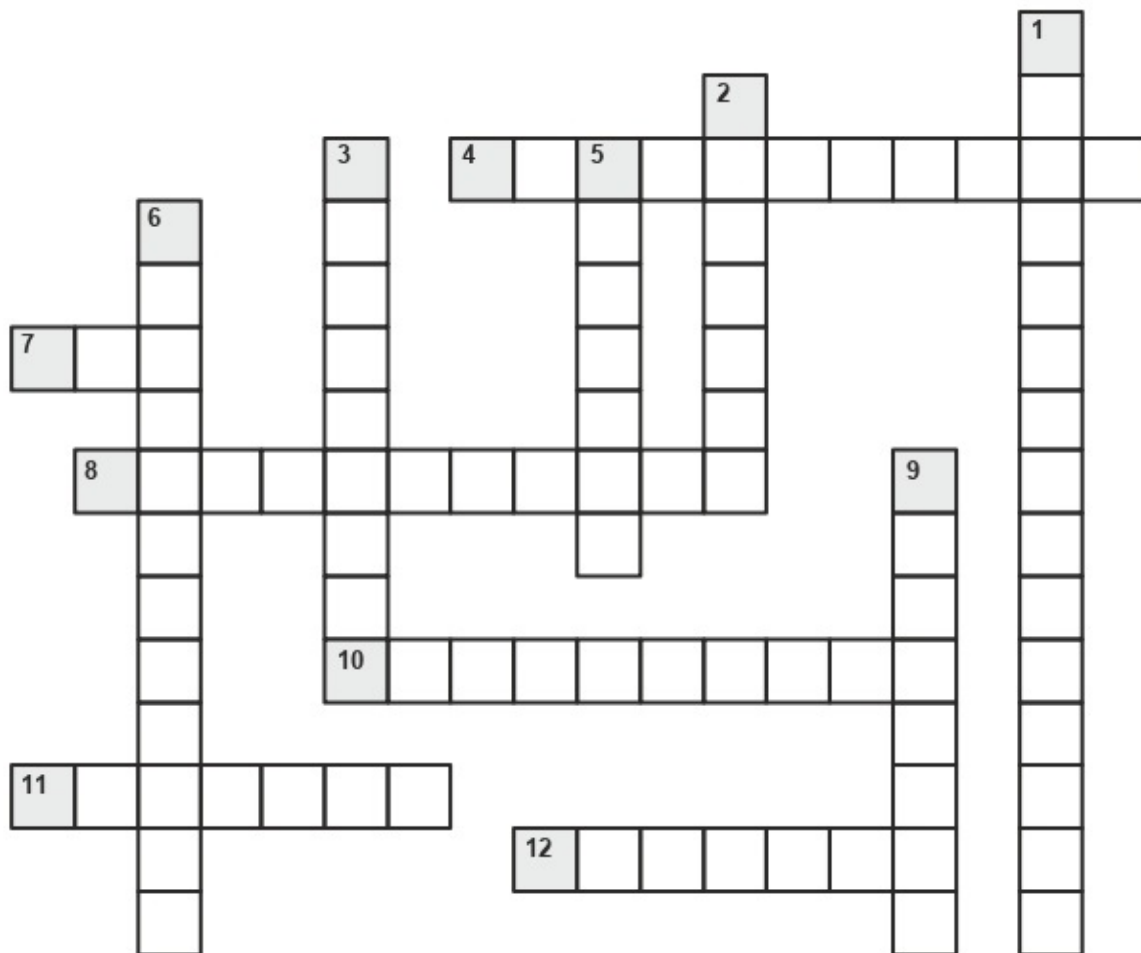
### DOWN

- 1** Data storage medium.
- 2** Collection of 1024 kilobytes.
- 3** Used to emit sound.
- 6** A high-capacity, self-contained storage device.
- 7** An electronic machine that helps to do many jobs accurately & quickly.
- 9** A computer that can be carried around easily.
- 10** A connection technology for attaching peripheral devices to a computer.

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## Crossword - 2 (More about Windows)

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### ACROSS

- 4** A program that displays moving pictures or graphics on the computer system.
- 7** The option of start menu can be used to start a program directly.
- 8** The action of moving screen objects to a different location.
- 10** It is the folder that stores deleted files until they are finally removed from hard disk.
- 11** the shortcut menu that appears on the right click of mouse.
- 12** An operating system that lets you work on your computer.

### DOWN

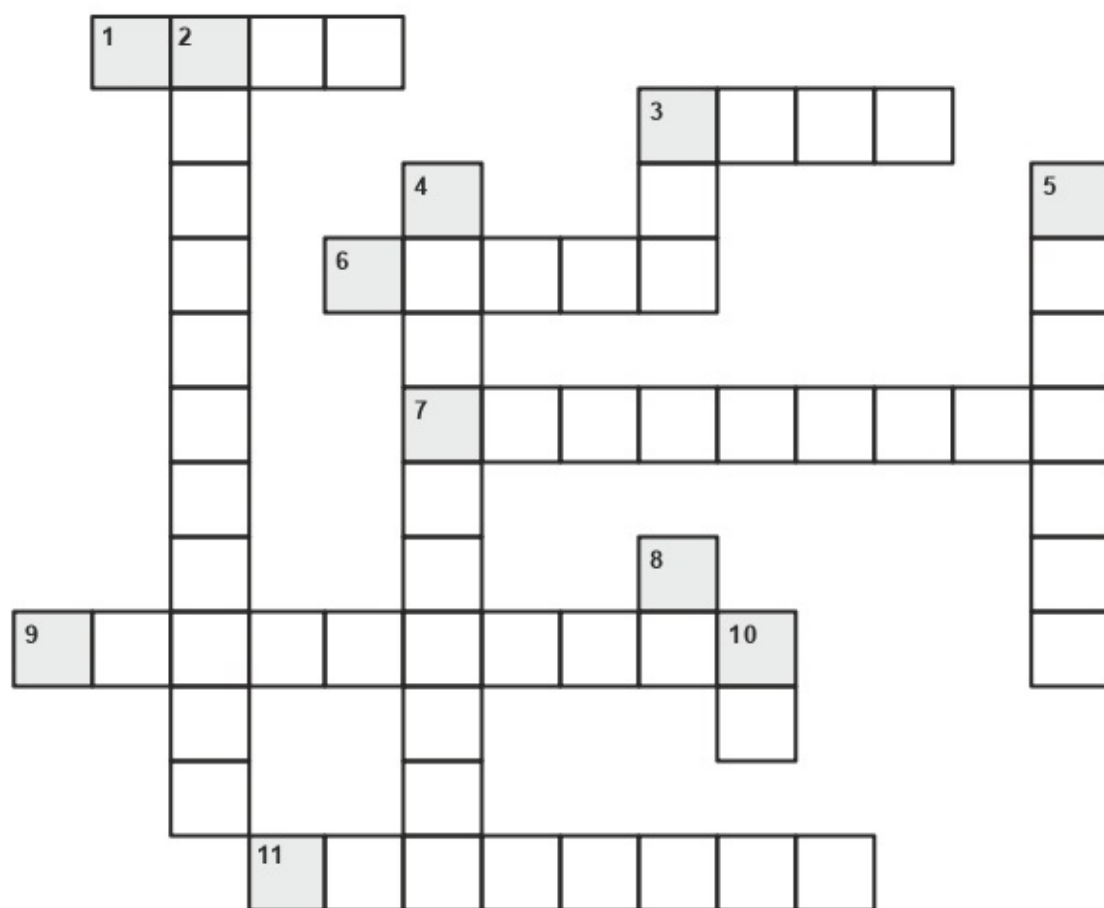
- 1** A system software that acts as an interface between the computer hardware and the user.
- 2** When you switch on your computer and windows takes over, the first screen that you see on the monitor.
- 3** The background picture of windows desktop.
- 5** To return an icon or maximized window back to its former size.
- 6** Special tools that are used to change the way windows looks & behaves.
- 9** This program checks files & folders on the selected drive for errors.



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### ***Crossword - 3 (More LOGO commands)***

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#### **ACROSS**

- 1** Command that adds a word or an item to the beginning of the list.
- 3** Part of LOGO procedure that consists of LOGO primitives.
- 6** Command that controls the background colour of the graphic area where the turtle draws.
- 7** This clears the contents of the text screen.
- 9** Commands in LOGO.
- 11** The command RT 360 makes turtle to turn.

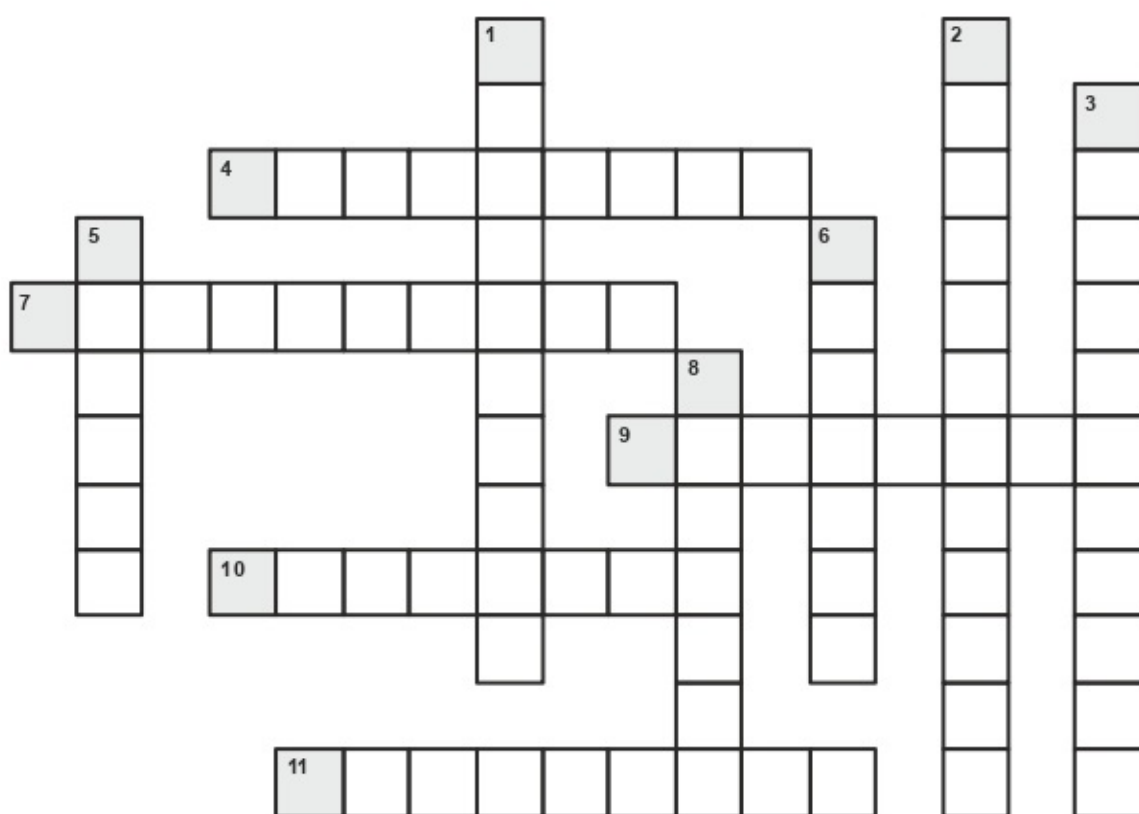
#### **DOWN**

- 2** The instructions given to the computer.
- 3** Error produced in a program.
- 4** This command allows us to move the turtle in the draw mode, or move it without drawing on the screen.
- 5** How many predefined colours do LOGO have.
- 8** Command in LOGO that can be used to erase a line by certain units.
- 10** Command of LOGO that can be used to show the hidden turtle.

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## ***Crossword - 4 (Text formatting in MS-Word)***

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### **ACROSS**

- 4** The orientation of a picture or page where the width is greater than the height.
- 7** The general arrangement or layout of the text you type.
- 9** The process of breaking lines of text automatically to stay within the line margins of a document.
- 10** A printed note of definition placed below the text at the bottom of the page.
- 11** Appears at the bottom and / or right side of a window to allow a user to view another part of the window.

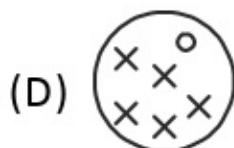
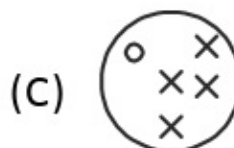
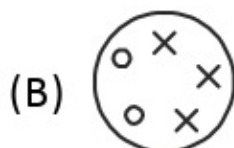
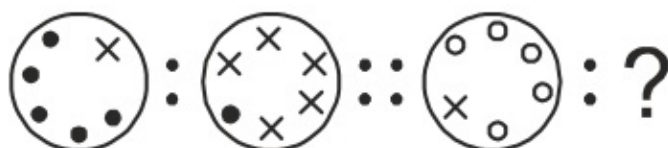
### **DOWN**

- 1** Making all lines of text in a paragraph or column fit the width of document or column, with even margins on side.
- 2** Enables you to look at a document as it will appear when printed.
- 3** The amount of space above and below a paragraph.
- 5** Switching between two options using the keyboard.
- 6** Text styling feature in MS-word.
- 8** Called the primary tab, contains the more frequently used commands.



## Reasoning

**01.** Which shape or pattern replaces the question mark below ?



Answer: **(D)**

Explanation: In the first pair, five dots and one cross in the circle change to five crosses and one dot in the circle.

Similarly, in the second pair five white circles and one cross must change to five crosses and one white circle.

**02.** If 'sky' is called 'sea', 'sea' is called 'water', 'water' is called 'air', 'air' is called 'cloud' and 'cloud' is called 'river', then what do we drink when we are thirsty?

(A) sky

(B) water

(C) air

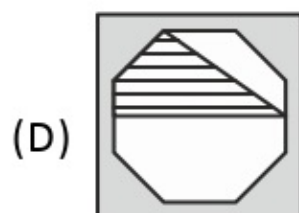
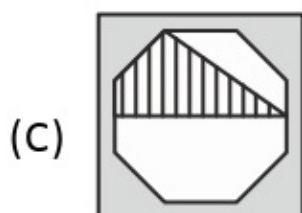
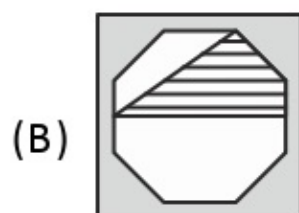
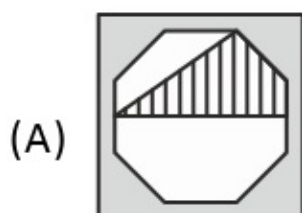
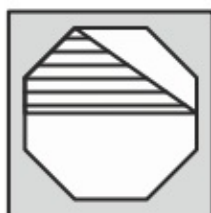
(D) cloud

Answer: **(C)**

Explanation: One drinks 'water' when thirsty and as given, 'water' is called 'air'. Thus, for the given code, one drinks 'air' when thirsty.

So, answer is option (C).

03. Find the mirror image of the given figure.



Answer: (B)

Explanation:

So, option (B) is the answer.

04. In the series given below, how many 8's are there each of which is exactly divisible by its immediate preceding as well as succeeding numbers ?

2 8 3 8 2 4 8 2 4 8 6 8 2 8 2 4 8 3 8 2 8 6

(A) One

(B) Two

(C) Three

(D) Four

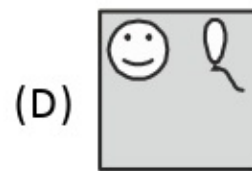
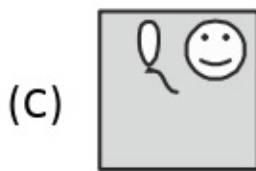
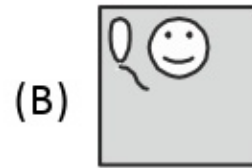
Answer: (B)

Explanation: Clearly, we may mark such sets of 3 numbers, in which the middle number is 8 and each of the two numbers on both sides of it is a factor of 8, as shown below:

2 8 3 8 2 4 8 2 4 8 6 8 2 8 2 4 8 3 8 2 8 6


So, there are two such 8's. Hence, the answer is (B).

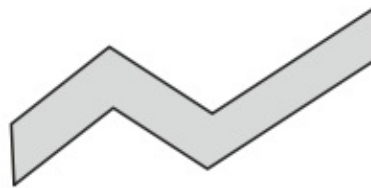
05. Which figure is the next in this series of figures ?



Answer: **(B)**

Explanation: In each successive figure, the balloon moves one side in the clockwise direction and the other design moves  $\frac{1}{2}$  side in the anti-clockwise direction. When the sequence is continued. Hence, option (B) is the answer.

06. How many shapes like this  are in the shape below ?



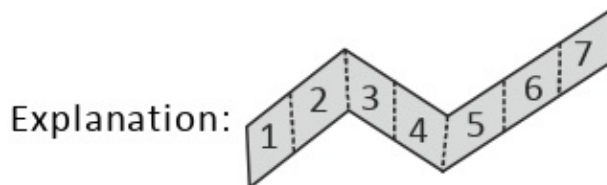
(A) 4


(B) 5

(C) 6

(D) 7

Answer: **(D)**

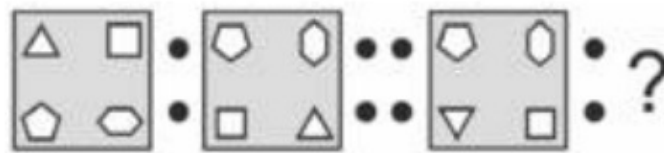


Hence, the number of  shapes is 7.

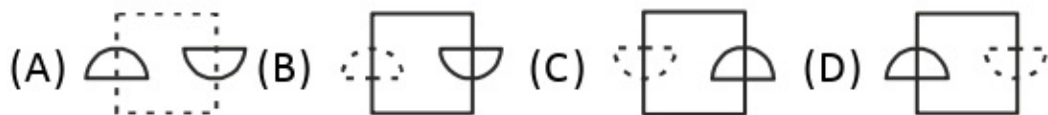


## Questions Based on Reasoning Examples

01. Which shape or pattern completes the second pair in the same way as the first pair ?



02. Which shape or pattern completes the second pair in the same way as the first pair ?



03. If 'Srilanka' is coded as 'Pakistan' 'Pakistan' as 'Australia', 'Australia' as 'India' & 'India' as 'Bangladesh' then who won ICC cricket world cup 2011 ?

- (A) India (B) Pakistan  
(C) Australia (D) Bangladesh

04. If the code for ROSE is 6821, code for CHAIR is 73456 and code of PREACH is 961473, then what will be the code for SEARCH ?

- (A) 246173 (B) 214673 (C) 214763 (D) 216473

05. Find the mirror image of the given word ?

**NATIONAL**

- (A) LАNOITAI (B) LАNOITAI  
(C) LАNOITAI (D) LАNOITAI

06. Find the mirror image of .

- (A)  (B)  (C)  (D) 

07. How many even numbers are there in the following series of numbers, each of which is immediately preceded by an odd number, but not immediately followed by an even number ?

5 3 4 8 9 7 1 6 5 3 2 9 8 7 3 5

- (A) 0 (B) 1 (C) 2 (D) 3

08. If every alternate letter of English alphabet from B onwards (including B) is written in lower case (small letters) and the remaining letters are capitalized, then how will the first month of the second half of the year be written ?

- (A) JuLy (B) AuGuSt (C) jUly (D) AugUst

09. Find the missing pair of letters in the series.



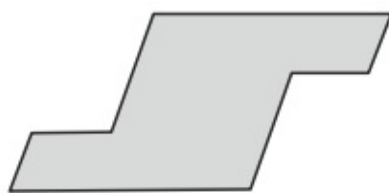
- (A) PW (B) WP (C) QX (D) XQ

10. Find the missing pair of numbers in the series.



- (A) 3 (B) 5 (C) 7 (D) 9

11. How many shapes like  are in the shape below ?



- (A) 8 (B) 7 (C) 6 (D) 9



## **English**

### ***Tips and Techniques to help you spell any word correctly***

- *Keep a list of words you spell incorrectly. Keep a notebook to write them in.*
- *Learn to say words correctly. Say each syllable slowly, keeping a picture of the word in your mind.*
- *Develop the dictionary habit. If you don't know how to spell a word, look it up in the dictionary. Try not to take the easy way out by always asking your parents or your teachers.*
- *Become familiar with useful spelling rules and use them.*
- *If you have guessed the spelling of a word, always check later to see if it is correct. Underline these words so you won't forget to check them when you have finished writing.*
- *Don't believe 'near enough is good enough'. Use only one spelling – the correct one.*

*Make a list of difficult words, write their spelling, meaning, synonym and antonym in the table provided.*

<i>Spelling</i>	<i>Meaning</i>	<i>Synonym</i>	<i>Antonym</i>

# Solutions

## MATHEMATICS

### **Crossword - 1 (Introduction to Numbers)**

**Across:** (2) Zero (4) Ordering (5) Place value (10) Remainder (11) Quotient (12) Estimate

**Down:** (1) Million (3) Roman Numeral (6) Equal (7) Periods (8) Lakhs (9) Zero

### **Crossword - 2 (Factors and Multiple)**

**Across:** (3) Multiplication (5) Zero (8) Factorisation (10) Factor pairs

**Down:** (1) Prime (2) Two (4) Infinite (6) Factors (7) Even (9) One

### **Crossword - 3 (Fractions and Decimals)**

**Across:** (3) Whole number (5) Multiple (8) Share (9) Divisor (10) Equal (11) Portions

**Down:** (1) Four (2) Decimals (4) Numerator (6) Equivalent (7) Point

### **Crossword - 4 (Measurement)**

**Across:** (1) Cash (4) Money (6) Gram (9) Period (10) Inches (11) Mass (12) Coin

**Down:** (2) Hundred (3) Day (5) Celsius (7) Months (8) Season

## COMPUTERS

### **Crossword - 1 (Introduction to Computers)**

**Across:** (4) Power supply; (5) Ram; (8) Memory; (11) Operating system; (12) Peripheral devices.

**Down:** (1) Floppy; (2) Megabyte; (3) Speakers; (6) Hard drive; (7) Computer; (9) Portable; (10) USB.

### **Crossword - 2 (More about Windows)**

**Across:** (4) Screensaver; (7) Run; (8) Drag & Drop; (10) Recycle bin; (11) Context; (12) Windows.

**Down:** (1) Operating system; (2) Desktop; (3) Wallpaper; (5) Restore; (6) Control panel; (9) Scan disk.

### **Crossword - 3 (More LOGO commands)**

**Across:** (1) FPUT; (3) Body; (6) SETBG; (7) Clear text; (9) Primitives; (11) Full turn.

**Down:** (2) Programming; (3) Bug; (4) Pen control; (5) Fifteen; (8) PE; (10) ST.

### **Crossword - 4 (Text formatting in MS-Word)**

**Across:** (4) Landspace; (7) Formatting; (9) Wordwrap; (10) Footnote; (11) Scroll bar

**Down:** (1) Justifying; (2) Print preview; (3) Line spacing; (5) Toggle; (6) Wordart; (8) Home tab.

### **Crossword - 5 (MS Powerpoint)**

**Across:** (1) Slide transition; (6) Level; (7) Hard copy; (8) Title slide; (9) Notespane.

**Down:** (2) Slide; (3) Animation; (4) Slide show; (5) Hyperlink.

### **Questions Based on Reasoning Examples**

- |        |        |        |         |         |         |
|--------|--------|--------|---------|---------|---------|
| 1. (B) | 2. (B) | 3. (D) | 4. (B)  | 5. (C)  | 6. (C)  |
| 7. (D) | 8. (A) | 9. (A) | 10. (D) | 11. (C) | 12. (A) |

