

**LITERACY**

nomcom      **Unscramble the**  
 stumliep    **anagrams and**  
                   **define the words.**

cfroast      sigheth  
 astle        ntiroafc

**RESEARCH**

When might you use the HCF and LCM in real life?



**Prime Factorisation**

is a method used to find prime factors of a number. It can also be used to find LCM of two or more numbers.

2	120
2	60
2	30
3	15
5	5
1	

2	42
3	21
7	7
1	

**MEMORY**

**SKILL 1**

**Factors and Multiples**

- List first five multiples of
  - a) 17      b) 14
  - c) 9        d) 25
- List all the Factors of
  - a) 105    b) 88
  - c) 456    d) 36



**SKILL 3**

**Equivalent Fractions**

$\frac{1}{2}$	$\frac{2}{4}$	$\frac{4}{8}$
$\frac{1}{2} = \frac{\square}{4}$	$\frac{2}{4} = \frac{\square}{2}$	$\frac{4}{8} = \frac{\square}{2}$
$\frac{1}{2} = \frac{\square}{8}$	$\frac{2}{4} = \frac{\square}{8}$	$\frac{4}{8} = \frac{\square}{4}$

**Missing fractions**

**SKILL 2**

**HCF and LCM**

- Find the LCM by finding multiples
  - a) 8 and 12      b) 90 and 10
  - c) 16 and 7     d) 22 and 44
- Find the LCM by prime factorisation
  - a) 48 and 24    b) 36 and 16
  - c) 15 and 25    d) 240 and 72
- Find the HCF by factor trees
  - a) 20 and 35    b) 60 and 88
  - c) 33 and 15    d) 104 and 56
- Find the HCF by prime factorisation
  - a) 120 and 25   b) 60 and 88
  - c) 330 and 15   d) 126 and 78

**HOTS**

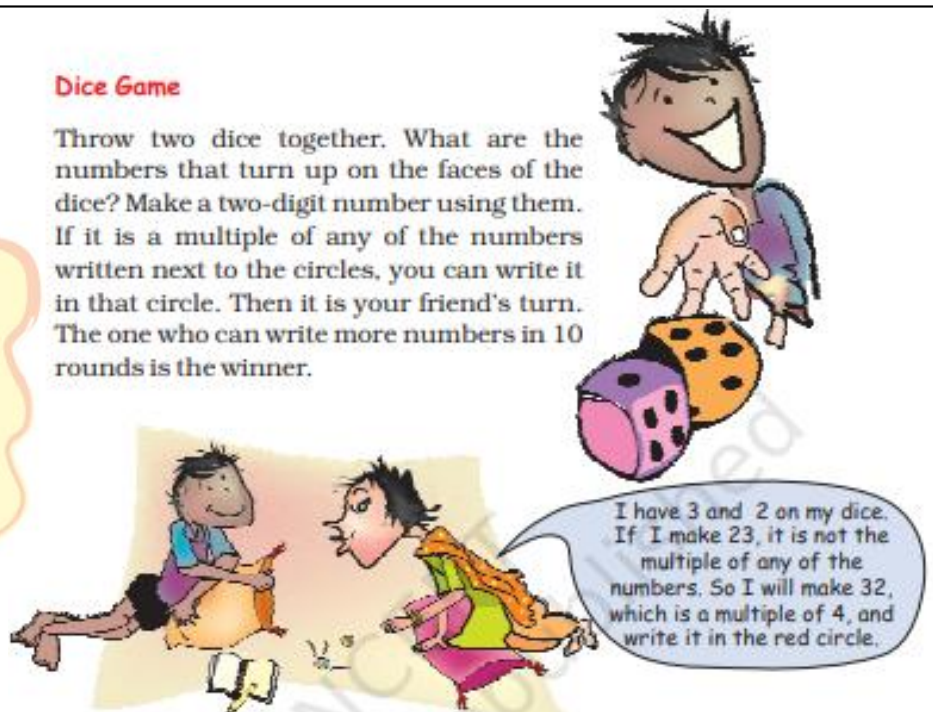
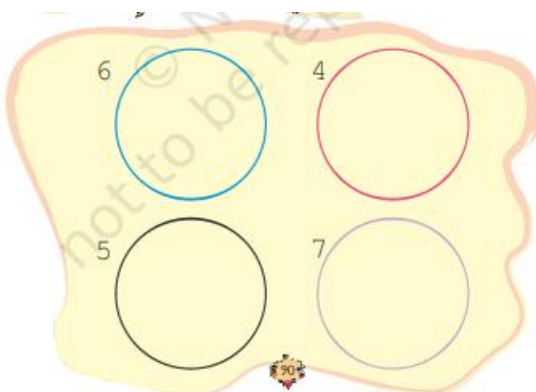
Bus A stops every 12 minutes and bus B stops every 9 minutes on the same route. They stop at the same bus stop at 9:15am. When is the next time this happens?



**ACTIVITY** (taken from NCERT book)

**Dice Game**

Throw two dice together. What are the numbers that turn up on the faces of the dice? Make a two-digit number using them. If it is a multiple of any of the numbers written next to the circles, you can write it in that circle. Then it is your friend's turn. The one who can write more numbers in 10 rounds is the winner.









### Story Sums

- 1) A company donates 935 pencils to a school. The pencils are divided evenly among 9 classrooms. The rest of the pencils are given to the library. How many pencils were donated to each classroom and to the library?
- 2) Manny owns 83 sets of basketball cards. Each set has exactly 504 cards. What is the total number of basketball cards Manny owns?
- 3) Ginny paid Rs 8.16 for a sandwich. She paid Rs 4.95 for a piece of fruit. What is the total amount Ginny paid for the sandwich and fruit?
- 4) Randa ate  $\frac{3}{8}$  of a pizza, and Marvin ate  $\frac{1}{8}$  of the same pizza. What fraction of the pizza did Randa and Marvin eat altogether?

### Time for Puzzles!!

**Find value of Square?**

 +  = **5**  
 +  = **8**  
 +  = **7**

**Cross Math**

	+		×		= 20
+		×		-	
	×	8	×		= 48
-		×		+	
	×		-		= 38
=		=		=	
0		80		10	



**How many numbers can you identify in this picture?**



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