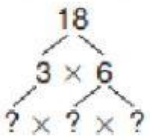
Codeyoung

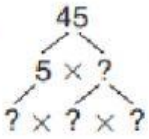
Content HW_Grade-5_Factors, Multiples & Primes

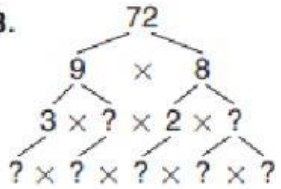
Prime Factorization

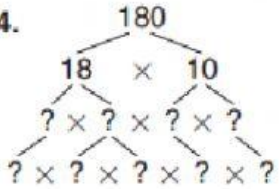
1.

Write each number as a product of prime numbers.

21. 

22. 

23. 

24. 

2.

Find the prime factorization.

22. 95	**23.** 114	**24.** 153	**25.** 390	**26.** 504
27. 189	**28.** 225	**29.** 540	**30.** 1215	**31.** 2916

3.

Fill in the missing numbers in these prime factorization:

1)	$2^2 \times 3$	=	2 x 2 x 3	=
2)	$3^2 \times 5$	=	3 x 3 x 5	=
3)		=	2 x 2 x 2 x 5	=
4)	$3^2 \times 7$	=		=
5)	$2^3 \times 3$	=		=
6)		=		= 42
7)		=		= 56
8)		=	2 x 3 x 3 x 5	=
9)	2×7^2	=		=
10)	5^3	=		=
11)		=	2 x 3 x 5 x 5	=
12)		=	2 x 2 x 2 x 3 x 3	=

LIVEWORKSHEETS