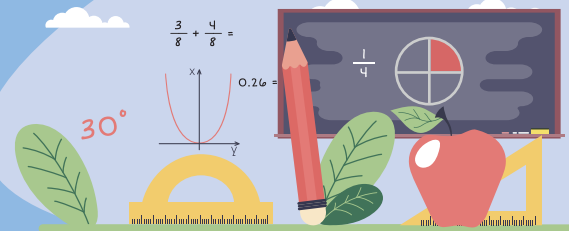




Math 5



Factorization Assignment

Directions: Use prime factorization to find the GCF (greatest common factor) of the following sets of numbers. Show the steps you used to find the GCF.

1)

18:

20:

GCF:

2)

15:

25:

GCF:

3)

40:

32:

GCF:

4)

12:

22:

GCF:

5)

30:

15:

GCF:

6)

24:

8:

GCF:

7)

10:

20:

GCF:

8)

15:

35:

GCF:

9)

45:

27:

GCF:

10)

9:

16:

GCF:

11)

14:

28:

GCF:

12)

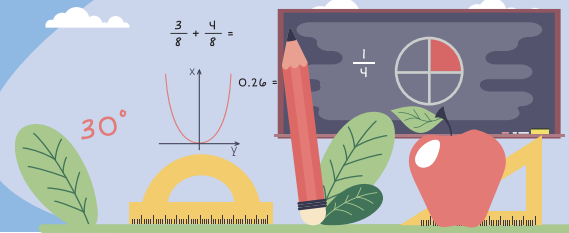
36:

42:

GCF:



Math 5



Directions: List the factors to find the GCF (greatest common factor) of the following sets of numbers. Show the steps you use to find the GCF.

Example: 16: 1, 2, 4, 8, 16
28: 1, 2, 4, 7, 14, 28
GCF: 4

13)
18:
24:
GCF:

14)
18:
25:
GCF:

15)
40:
48:
GCF:

16)
12:
20:
GCF:

17)
30:
45:
GCF:

18)
16:
24:
GCF:

19)
16:
30:
GCF:

20)
12:
27:
GCF:

21)
36:
45:
GCF:

22)
9:
15:
GCF:

23)
14:
21:
GCF:

24)
32:
42:
GCF: