

For those who CANNOT access Digits and have talked to me about it, you can access the homework problems here.

You can either “Make a Copy” of this document and type your answers below the question OR do your homework on paper and turn it in to me by the due date.

1.

Find the greatest common factor (GCF) of 45 and 50.

Factors of 45: 1, 3, 5, 9, 15, 45

Factors of 50: 1, 2, 5, 10, 25, 50

The GCF of 45 and 50 is .

2.

List the factors of 8 and 34. Then find the greatest common factor (GCF).

What are the factors of 8? Select all that apply.

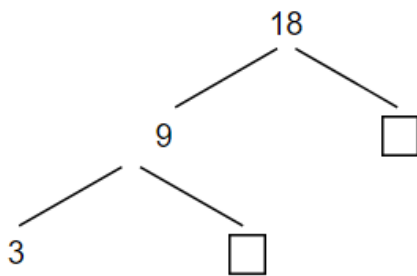
- ☐ A. 1
- ☐ B. 8
- ☐ C. 34
- ☐ D. 2
- ☐ E. 4

What are the factors of 34? Select all that apply.

- ☐ A. 34
- ☐ B. 17
- ☐ C. 1
- ☐ D. 2
- ☐ E. 4

The GCF of 8 and 34 is .

3.



What is the prime factorization of 18?

- ☐ A. $2 \cdot 3$
- ☐ B. $2 \cdot 3 \cdot 3$
- ☐ C. $2 \cdot 3 \cdot 3 \cdot 18$
- ☐ D. $2 \cdot 2 \cdot 3$

4.

Use a factor tree to find the prime factorization of 56.

What is the prime factorization of 56?

- ☐ A. $2 \cdot 7$
- ☐ B. $2 \cdot 2 \cdot 2 \cdot 7$
- ☐ C. $2 \cdot 2 \cdot 7 \cdot 7$
- ☐ D. $2 \cdot 2 \cdot 2 \cdot 7 \cdot 56$

5.

Use prime factorization to find the greatest common factor (GCF) of 70 and 8.

The GCF of 70 and 8 is .