



GREATEST COMMON FACTOR SHEET 5A ANSWERS

1) Find the greatest common factor of 20, 15, and 12.

Factors of 20: 1, 2, 4, 5, 10, 20

Factors of 15: 1, 3, 5, 15

Factors of 12: 1, 2, 3, 4, 6, 12

- $GCF(20, 15, 12) = \underline{1}$

2) Find the greatest common factor of 21, 35, and 28.

Factors of 21: 1, 3, 7, 21

Factors of 35: 1, 5, 7, 35

Factors of 28: 1, 2, 4, 7, 14, 28

- $GCF(21, 35, 28) = \underline{7}$

3) Find the greatest common factor of 24, 18, and 30.

Factors of 24: 1, 2, 3, 4, 6, 8, 12, 24

Factors of 18: 1, 2, 3, 6, 9, 18

Factors of 30: 1, 2, 3, 5, 6, 10, 15, 30

- $GCF(24, 18, 30) = \underline{6}$

4) Find the greatest common factor of 40, 28, and 18.

Factors of 40: 1, 2, 4, 5, 8, 10, 20, 40

Factors of 28: 1, 2, 4, 7, 14, 28

Factors of 18: 1, 2, 3, 6, 9, 18

- $GCF(40, 28, 18) = \underline{2}$

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