

Greatest Common Factors

Name: _____

Date: _____

Find Greatest Common Factor.

1) **25, 35, 40**

Factors of 25 = _____

Factors of 35 = _____

Factors of 40 = _____

GCF (25, 35, 40) = _____

2) **8, 16, 32**

Factors of 8 = _____

Factors of 16 = _____

Factors of 32 = _____

GCF (8, 16, 32) = _____

3) **7, 14, 28**

Factors of 7 = _____

Factors of 14 = _____

Factors of 28 = _____

GCF (7, 14, 28) = _____

4) **11, 22, 33**

Factors of 11 = _____

Factors of 22 = _____

Factors of 33 = _____

GCF (11, 22, 33) = _____

5) **4, 8, 40**

Factors of 4 = _____

Factors of 8 = _____

Factors of 40 = _____

GCF (4, 8, 40) = _____

6) **10, 15, 30**

Factors of 10 = _____

Factors of 15 = _____

Factors of 30 = _____

GCF (10, 15, 30) = _____

Greatest Common Factors

Name: _____

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Find Greatest Common Factor.

1) **25, 35, 40**

$$\text{Factors of 25} = \underline{1, 5, 25}$$

$$\text{Factors of 35} = \underline{1, 5, 7, 35}$$

$$\text{Factors of 40} = \underline{1, 2, 4, 5, 8, 10, 20, 40}$$

$$\text{GCF (25, 35, 40)} = \underline{5}$$

2) **8, 16, 32**

$$\text{Factors of 8} = \underline{1, 2, 4, 8}$$

$$\text{Factors of 16} = \underline{1, 2, 4, 8, 16}$$

$$\text{Factors of 32} = \underline{1, 2, 4, 8, 16, 32}$$

$$\text{GCF (8, 16, 32)} = \underline{8}$$

3) **7, 14, 28**

$$\text{Factors of 7} = \underline{1, 7}$$

$$\text{Factors of 14} = \underline{1, 2, 7, 14}$$

$$\text{Factors of 28} = \underline{1, 2, 4, 7, 14, 28}$$

$$\text{GCF (7, 14, 28)} = \underline{7}$$

4) **11, 22, 33**

$$\text{Factors of 11} = \underline{1, 11}$$

$$\text{Factors of 22} = \underline{1, 2, 11, 22}$$

$$\text{Factors of 33} = \underline{1, 3, 11, 33}$$

$$\text{GCF (11, 22, 33)} = \underline{11}$$

5) **4, 8, 40**

$$\text{Factors of 4} = \underline{1, 2, 4}$$

$$\text{Factors of 8} = \underline{1, 2, 4, 8}$$

$$\text{Factors of 40} = \underline{1, 2, 4, 5, 8, 10, 20, 40}$$

$$\text{GCF (4, 8, 40)} = \underline{4}$$

6) **10, 15, 30**

$$\text{Factors of 10} = \underline{1, 2, 5, 10}$$

$$\text{Factors of 15} = \underline{1, 3, 5, 15}$$

$$\text{Factors of 30} = \underline{1, 2, 3, 5, 6, 10, 15, 30}$$

$$\text{GCF (10, 15, 30)} = \underline{5}$$