

Name : \_\_\_\_\_

## Greatest Common Factor

ES1

Find the greatest common factor for each set of numbers.

1) 18, 6, 24

$$\text{GCF}(18, 6, 24) = \underline{\hspace{2cm}}$$

2) 24, 9, 15

$$\text{GCF}(24, 9, 15) = \underline{\hspace{2cm}}$$

3) 14, 4, 8

$$\text{GCF}(14, 4, 8) = \underline{\hspace{2cm}}$$

4) 21, 7, 14

$$\text{GCF}(21, 7, 14) = \underline{\hspace{2cm}}$$

5) 10, 20, 15

$$\text{GCF}(10, 20, 15) = \underline{\hspace{2cm}}$$

6) 16, 20, 8

$$\text{GCF}(16, 20, 8) = \underline{\hspace{2cm}}$$

7) 6, 4, 10

$$\text{GCF}(6, 4, 10) = \underline{\hspace{2cm}}$$

8) 12, 6, 21

$$\text{GCF}(12, 6, 21) = \underline{\hspace{2cm}}$$

9) 20, 24, 12

$$\text{GCF}(20, 24, 12) = \underline{\hspace{2cm}}$$

10) 5, 15, 25

$$\text{GCF}(5, 15, 25) = \underline{\hspace{2cm}}$$

Name : \_\_\_\_\_

## Answer key

### Greatest Common Factor

ES1

Find the greatest common factor for each set of numbers.

1) 18, 6, 24

$$\text{GCF}(18, 6, 24) = \underline{\mathbf{6}}$$

2) 24, 9, 15

$$\text{GCF}(24, 9, 15) = \underline{\mathbf{3}}$$

3) 14, 4, 8

$$\text{GCF}(14, 4, 8) = \underline{\mathbf{2}}$$

4) 21, 7, 14

$$\text{GCF}(21, 7, 14) = \underline{\mathbf{7}}$$

5) 10, 20, 15

$$\text{GCF}(10, 20, 15) = \underline{\mathbf{5}}$$

6) 16, 20, 8

$$\text{GCF}(16, 20, 8) = \underline{\mathbf{4}}$$

7) 6, 4, 10

$$\text{GCF}(6, 4, 10) = \underline{\mathbf{2}}$$

8) 12, 6, 21

$$\text{GCF}(12, 6, 21) = \underline{\mathbf{3}}$$

9) 20, 24, 12

$$\text{GCF}(20, 24, 12) = \underline{\mathbf{4}}$$

10) 5, 15, 25

$$\text{GCF}(5, 15, 25) = \underline{\mathbf{5}}$$