

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

Find all the factors of the number.

1) 42

A) 7, 6, 14, 42

C) 1, 2, 3, 6, 7, 14, 21, 42

B) 1, 2, 3, 6, 7, 14, 28, 42

D) 1, 7, 6, 42

2) 27

A) 1, 3, 9

B) 3, 13, 27

C) 1, 3, 9, 27

D) 3, 9, 27

Write the number as the product of prime factors.

3) 28

A)  $4 \cdot 2$ B)  $7 \cdot 7$ C)  $2 \cdot 2 \cdot 7$ D)  $4 \cdot 7$ 

4) 66

A)  $2 \cdot 3 \cdot 11$ B)  $2 \cdot 2 \cdot 11$ C)  $6 \cdot 11$ D)  $3 \cdot 3 \cdot 2$ 

5) 126

A)  $2 \cdot 3 \cdot 3 \cdot 7$ B)  $14 \cdot 3 \cdot 3$ C)  $2 \cdot 2 \cdot 3 \cdot 3 \cdot 7$ D)  $2 \cdot 3 \cdot 7$ 

Write the fraction in lowest terms.

6)  $\frac{6}{9}$ A)  $\frac{2}{3}$ B)  $\frac{3}{2}$ C)  $\frac{8}{5}$ D)  $\frac{6}{9}$ 7)  $\frac{3}{9}$ A)  $\frac{2}{5}$ B)  $\frac{1}{3}$ 

C) 4

D) 3

8)  $\frac{14}{66}$ 

A) 5

B)  $\frac{33}{7}$ C)  $\frac{14}{66}$ D)  $\frac{7}{33}$ 9)  $\frac{72}{189}$ A)  $\frac{8}{21}$ B)  $\frac{73}{190}$ C)  $\frac{188}{71}$ D)  $\frac{21}{8}$ 10)  $\frac{130}{294}$ A)  $\frac{65}{147}$ B)  $\frac{147}{65}$ C)  $\frac{293}{129}$ D)  $\frac{131}{295}$

## Answer key.

### Drill1

- 1) Answer: C
- 2) Answer: C
- 3) Answer: C
- 4) Answer: A
- 5) Answer: A
- 6) Answer: A
- 7) Answer: B
- 8) Answer: D
- 9) Answer: A
- 10) Answer: A