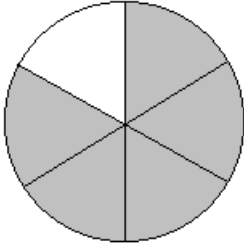


Worksheet 2.1

Fractional Notation and Simplifying.

What part of the object is shaded? See examples on pages 85-86 in text.

1.



- A) $\frac{1}{5}$ B) $\frac{5}{6}$ C) $\frac{5}{1}$ D) $\frac{1}{6}$

Simplify. See examples on pages 86-87 in text.

2. $\frac{0}{18}$

- A) 18 B) 0 C) 1 D) Not defined

3. $\frac{13}{0}$

- A) $\frac{1}{13}$ B) 0 C) 13 D) Not defined

4. $\frac{55}{55}$

- A) 1 B) 0 C) 55 D) Not defined

5. $\frac{275}{1}$

- A) 275 B) 0 C) 13 D) Not defined

Multiply. See examples on pages 87-88 in text.

6. $\frac{5}{7} \cdot 9$

- A) $\frac{5}{63}$ B) $\frac{45}{63}$ C) $\frac{14}{7}$ D) $\frac{45}{7}$

7. $\frac{5}{8} \cdot \frac{1}{8}$

- A) $\frac{5}{16}$ B) $\frac{5}{64}$ C) $\frac{6}{16}$ D) $\frac{1}{64}$

8. $\frac{5}{7} \cdot \frac{8}{9}$

- A) $\frac{40}{56}$ B) $\frac{13}{16}$ C) $\frac{13}{63}$ D) $\frac{40}{63}$

Find another name for the number, but with the denominator shown. See examples on page 89 in text.

9. $\frac{8}{25} = \frac{?}{150}$

- A) $\frac{48}{150}$ B) $\frac{8}{150}$ C) $\frac{117}{150}$ D) $\frac{14}{150}$

Simplify. See examples on pages 89-91 in text.

10. $\frac{5}{7} \cdot 9$

- A) $\frac{5}{63}$ B) $\frac{45}{63}$ C) $\frac{14}{7}$ D) $\frac{45}{7}$