

Worksheet 4.3

Percent Notation and Fractional Notation.

Find percent notation. Round your answer to the nearest tenth if necessary. See examples on pages 221-222 in text.

1. $\frac{38}{100}$

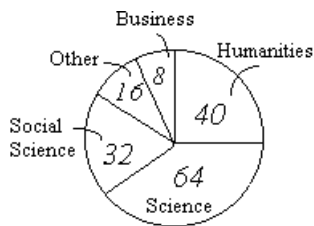
- A) 0.38 % B) 380 % C) 38 % D) 3.8 %

2. $\frac{1}{3}$

- A) 3.3 % B) 55.5 % C) 60 % D) 33.3 %

Find percent notation. See examples on page 222 in text.

3.



The circle graph shows the majors for 160 college students at Blackwood Community College. $\frac{64}{160}$ of the students are majoring in science. Find percent notation for $\frac{64}{160}$.

- A) 40 % B) 33 % C) 20 % D) 4 %

Find fractional notation and simplify. See examples on page 223 in text.

4. $21\frac{3}{7}\%$

- A) $\frac{3}{7}$ B) $\frac{3}{28}$ C) $\frac{3}{14}$ D) $\frac{15}{7}$

5. $\frac{1}{2}\%$

- A) $\frac{1}{400}$ B) $\frac{1}{20}$ C) $\frac{1}{100}$ D) $\frac{1}{200}$

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Find fractional notation for the percent in the problem. See examples on page 223 in text.

6. An employee had 6 % deducted from his paycheck for deposit in the company 401K plan.

A) $\frac{3}{5}$ B) $\frac{3}{500}$ C) $\frac{1}{6}$ D) $\frac{3}{50}$

7. The inflation rate for the Unites States in the year 2001 was 2.86 %.

A) $\frac{286}{1000}$ B) $\frac{143}{1000}$ C) $\frac{143}{5000}$ D) $\frac{143}{50}$

Supply the missing numbers. Round decimals to the nearest thousandth and percents to the nearest tenth of a percent. See examples on page 223 in text.

8.

Fraction	Decimal	Percent
	0.192	

A) $\frac{24}{125}$ 19.2% B) $\frac{23}{125}$ 1.92% C) $\frac{23}{125}$ 19.2% D) $\frac{24}{125}$ 1.92%

Subtract without using a calculator. See examples on pages 148-149 in text.

9. $76 - 0.0422$

A) 76.0422 B) 76.0578 C) 75.4578 D) 75.9578

Add and simplify completely. See examples on pages 102-103 in text.

10. $\frac{7}{4} + \frac{5}{12}$

A) 1 B) 3 C) $\frac{13}{6}$ D) $\frac{13}{2}$