MF7 pg. 156/157

Do all the circled questions. Choose any 4 of the non-circled ones.

A Checking

1. Rename each percent as a fraction.

   a) $24\% = \frac{\quad}{50}$ c) $50\% = \frac{\quad}{20}$

   b) $40\% = \frac{\quad}{10}$ d) $75\% = \frac{\quad}{20}$

2. In Guilia's class, 36% of the students speak more than one language. Write the number of students who speak more than one language as a fraction in lowest terms.

B Practising

3. Rename each decimal as a fraction.

   a) $0.10 = \frac{\quad}{10}$ c) $0.33 = \frac{\quad}{100}$

   b) $0.34 = \frac{\quad}{50}$ d) $0.2 = \frac{\quad}{5}$

4. In Eric's class, 35% of the students have blond hair. Write the number of students with blond hair as a fraction in lowest terms.

5. Write each percent as a fraction in lowest terms.

   a) 22% b) 5% c) 30% d) 72%

6. Write each percent as a decimal.

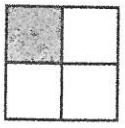
   a) 3% b) 94% c) 100% d) 40%

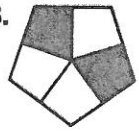
7. Complete this table.

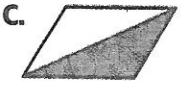
Percent	Decimal	Fraction in lowest terms
60%		
	0.09	
		$\frac{3}{100}$
44%		
		$\frac{6}{25}$
	0.5	
		$\frac{3}{3}$
12%		

8. Match each percent to the figure that represents it.

a) 50% **b)** 75% **c)** 25% **d)** 40%

A. 

B. 

C. 

D. 

9. Claudia's new coat is made of 60% wool, 30% polyester, and 10% nylon. Write each percent as a fraction in lowest terms.

10. Complete each statement using <, >, or =. Explain your answers.

a) 0.3 30%

b) 0.45 $\frac{7}{45}$

c) $\frac{3}{5}$ 40%

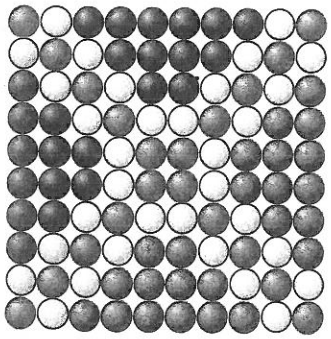
d) 20% $\frac{4}{25}$

e) $\frac{2}{8}$ 25%

f) 42% 4.2

11. What fraction with a numerator of 1 or 2 could you use to estimate each percent? Explain.

a) 30% **b)** 15% **c)** 70% **d)** 9%



12. **a)** Describe each colour of beads as a percent of the entire design.

b) Write each percent as a fraction in lowest terms.

13. The air you breathe is 20 parts oxygen and 80 parts other gases.

a) What percent of the air is oxygen? What percent of the air is made up of other gases?

b) Write each percent as a fraction in lowest terms.

14. At a provincial campground, 25% of the sites are for tent camping, 60% are for RVs, and the rest are for groups.

a) What percent of the sites are for groups?

b) The campground has 152 sites. How many sites are for tent camping?

15. How do you know, without calculating, that the percent for $\frac{7}{25}$ is less than the percent for $\frac{7}{20}$?