

A Checking

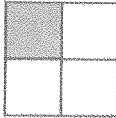
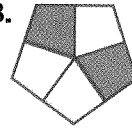

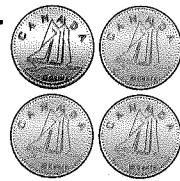
- Rename each percent as a fraction.
 - $24\% = \frac{\quad}{50}$
 - $40\% = \frac{\quad}{10}$
 - $50\% = \frac{\quad}{20}$
 - $75\% = \frac{\quad}{20}$
- In Giulia's class, 36% of the students speak more than one language. Write the number of students who speak more than one language as a fraction in lowest terms.

B Practising

- Rename each decimal as a fraction.
 - $0.10 = \frac{\quad}{10}$
 - $0.34 = \frac{\quad}{50}$
 - $0.33 = \frac{\quad}{100}$
 - $0.2 = \frac{\quad}{5}$
- 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.
- Write each percent as a fraction in lowest terms.
 - 22%
 - 5%
 - 30%
 - 72%
- Write each percent as a decimal.
 - 3%
 - 94%
 - 100%
 - 40%
- 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.

- 0.3 \gg 30%
- 0.45 \gg $\frac{7}{45}$
- $\frac{3}{5}$ \gg 40%
- 20% \gg $\frac{4}{25}$
- $\frac{2}{8}$ \gg 25%
- 42% \gg 4.2

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

- 30%
- 15%
- 70%
- 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.

- What percent of the air is oxygen? What percent of the air is made up of other gases?
- 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.

- What percent of the sites are for groups?
- 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 $\frac{7}{20}$?

