

#1. Convert each fraction to a decimal.

a) $\frac{5}{8}$

b) $\frac{1}{4}$

c) $\frac{11}{100}$

#2. Convert each decimal to a percentage.

a) 0.4

b) 0.256

c) 1.2

#3. Convert each fraction to a percentage.

a) $\frac{16}{20}$

b) $\frac{42}{75}$

c) $\frac{87}{100}$

#4. Convert each percentage to a decimal.

a) 65%

b) 2.5%

c) 350%

#5. Convert each percentage to a fraction in lowest terms.

a) 75%

b) 5%

c) 90%

#6. During the month of January, Sudbury, Ontario experienced 20 days of precipitation. Express the number of days with precipitation as a percent of the 31 days in January.

#7. In order to become a lawyer, applicants need to score at least 70% on a massive test. Amy scored 1210 out of 1680. Can she become a lawyer?

#8. Mark got 56 out of 75 on a math test. What percent did he get?

THINK!

#9. If you want to get 75% on your first math test, how many marks would you have to get if the test was out of 60?

Final Answers:

1. a) 0.625 b) 0.25 c) 0.11 2. a) 40% b) 25.6% c) 120% 3. a) 80% b) 56% c) 87%
4. a) 0.65 b) 0.025 c) 3.5 5. a) $\frac{3}{4}$ b) $\frac{1}{20}$ c) $\frac{9}{10}$
6. 65% of the days in January had precipitation.
7. Yes, Amy can become a lawyer, she got 2% more than needed.
8. Mark got 75% on his math test.
9. 45 marks on the test would give you 75%.