




Lesson 6

5. Write each number in standard form.

a)

Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths
					

b) $3 + 0.2 + 0.08 + 0.001$

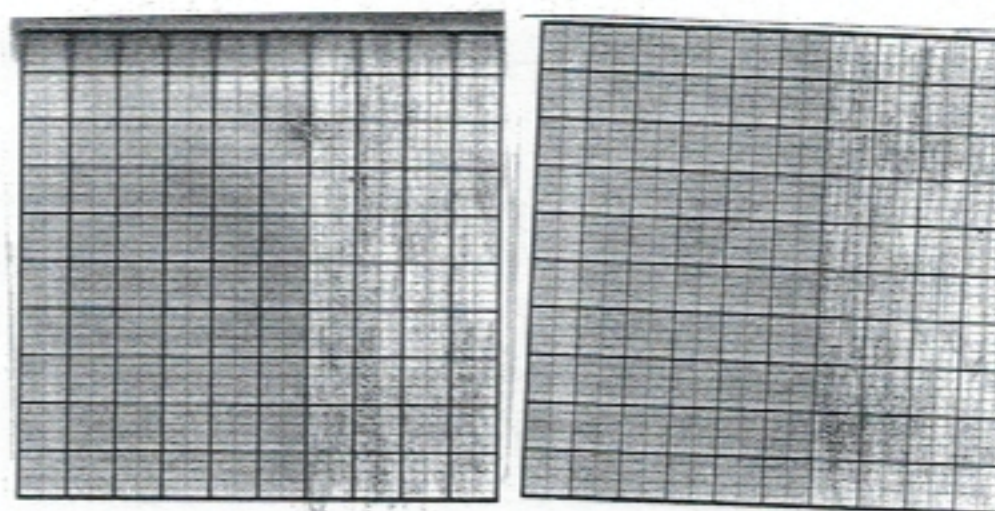
6. Write each number in words.

- a) 0.250 b) 0.009 c) 0.407 d) 1.109

Lesson 7

7. In 2006, for every 1000 people in Canada there were 240 people who were younger than 19 years old.

- a) Colour a thousandths grid to represent this age group.
 b) Write fractions with denominators of 1000 and 100 to represent the coloured part.
 c) Write a decimal thousandth and a decimal hundredth to represent the coloured part.



Lesson 8

8. Brandon said that 40 of the 100 jellybeans in a jar are orange. Taylor commented that this is the same as saying that 0.04 of the jellybeans are orange. Is Taylor correct? Explain.

Lesson 9

9. Round each decimal to the nearest hundredth and the nearest tenth.

- a) 0.139 b) 0.591 c) 0.057 d) 7.028

10. 1000 people were surveyed about their favourite ice-cream flavour. The results are shown at the left.

- a) Write a decimal thousandth to represent each flavour.
 b) Round each decimal to the nearest hundredth.
 c) In a group of 100 people, about how many might say that chocolate is their favourite flavour?

Favourite Ice-Cream Flavour

Flavour	Number of votes
vanilla	470
chocolate	289
strawberry	98
butter pecan	54
caramel	89

Lesson 10

11. Arrange the numbers in each set in order from least to greatest.

- a) 7.900, 7.990, 7.090, 7.999, 9.700
 b) 5, 5.05, 5.1, 5.755, 5.20, 5.201

Lesson 6

7. Write two equivalent decimals for each fraction.

a) $\frac{2}{10}$

b) $\frac{80}{100}$

c) $\frac{600}{1000}$

d) $\frac{65}{100}$

8. Write two fraction names for each decimal.

a) 0.4

b) 0.20

c) 0.750

d) 0.030

9.

Two years ago, 0.650 of the Grade 5 students at Summitview School played baseball. Last year, $\frac{6}{10}$ of the Grade 5 students played baseball. This year, 0.70 of the Grade 5 students played baseball. If each year had the same number of students, which year had the greater number of baseball players? Which year had the least number of baseball players?






Decimal Place Value Practice Grade 5

(Answer Key)

Lesson 6

5. Write each number in standard form.

a)

Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths
					

b) $3 + 0.2 + 0.08 + 0.001$

6. Write each number in words.

- a) 0.250 b) 0.009 c) 0.407 d) 1.109

5a) 2.206

b) 3.281

6a) two hundred fifty thousandths

b) nine thousandths

c) four hundred seven thousandths

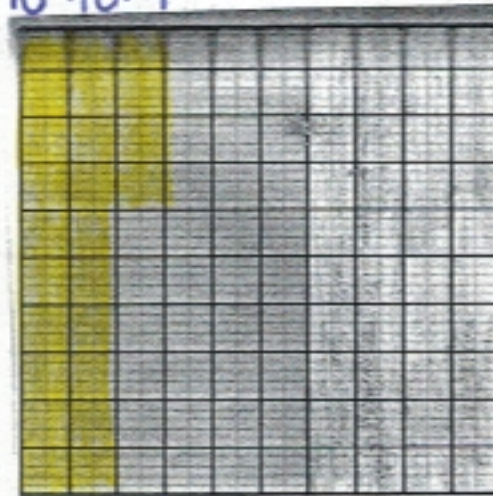
d) one and one hundred nine thousandths

Lesson 7

7. In 2006, for every 1000 people in Canada there were 240 people who were younger than 19 years old.

- a) Colour a thousandths grid to represent this age group.
 b) Write fractions with denominators of 1000 and 100 to represent the coloured part.
 c) Write a decimal thousandth and a decimal hundredth to represent the coloured part.

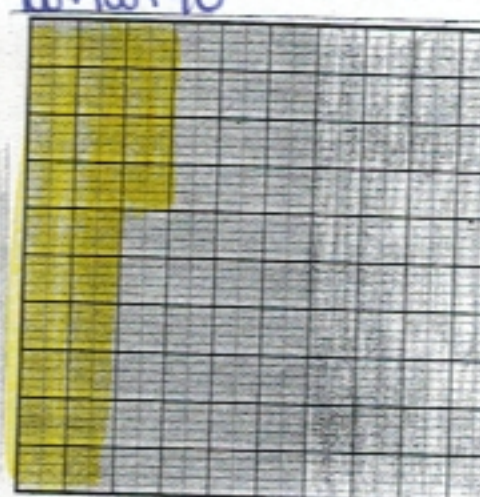
10 + 10 + 4



$\frac{240}{1000}$

0.24

100 + 100 + 40



$\frac{240}{1000}$

0.240

24 hundredths

Lesson 8

8. Brandon said that 40 of the 100 jellybeans in a jar are orange. Taylor commented that this is the same as saying that 0.04 of the jellybeans are orange. Is Taylor correct? Explain.

No $\frac{40}{100}$ is different $\frac{4}{100}$

One	Tenth	It
0	4	0
0	0	4

Lesson 9

9. Round each decimal to the nearest hundredth and the nearest tenth.

- a) 0.139 b) 0.591 c) 0.057 d) 7.028

0.14

0.59

0.06

7.03

10. 1000 people were surveyed about their favourite ice-cream flavour. The results are shown at the left.

a) Write a decimal thousandth to represent each flavour.

b) Round each decimal to the nearest hundredth.

c) In a group of 100 people, about how many might say that chocolate is their favourite flavour?

Vanilla

0.47

choc.

0.29

straw

0.10

B.P

0.05

caramel

0.09

29 would

Lesson 10

11. Arrange the numbers in each set in order from least to greatest.

a) 7.900, 7.990, 7.090, 7.999, 9.700 7.090, 7.900, 7.990, 7.999, 9.700

b) 5, 5.05, 5.1, 5.755, 5.20, 5.201 5, 5.05, 5.1, 5.20, 5.201, 5.755



9a) Tenth

a) 0.1 b) 0.6 c) 0.1 d) 7.0

Favourite Ice-Cream Flavour

Flavour	Number of votes
vanilla	470
chocolate	289
strawberry	98
butter pecan	54
caramel	89

.470

.289

.098

.054

.089

Lesson 6

7. Write two equivalent decimals for each fraction.

a) $\frac{2}{10}$

b) $\frac{80}{100}$

c) $\frac{600}{1000}$

d) $\frac{65}{100}$

8. Write two fraction names for each decimal.

a) 0.4

$\frac{4}{10}$ $\frac{40}{100}$

b) 0.20

$\frac{2}{10}$ $\frac{20}{100}$

c) 0.750

$\frac{75}{100}$ $\frac{750}{1000}$

d) 0.030

$\frac{3}{100}$ $\frac{30}{1000}$

7. a) 0.2, 0.20

b) 0.80, 0.8, 0.800

c) 0.6, 0.60, 0.600

d) 0.65, 0.650

9.

Two years ago, 0.650 of the Grade 5 students at Summitview School played baseball. Last year, $\frac{6}{10}$ of the Grade 5 students played baseball. This year, 0.70 of the Grade 5 students played baseball. If each year had the same number of students, which year had the greater number of baseball players? Which year had the least number of baseball players?

least 0.6 or $\frac{6}{10}$ most 0.70 or $\frac{70}{100}$ 0.6, 0.650, 0.700.650 $\frac{650}{1000}$  $\frac{70}{100}$ $\frac{70}{100}$

0.70