



Worksheet

Name :		Subject:	Math- practice sheet #1 place value
Class:	Grade 4 (A,B,C)	Date:	

Q1) Write the following proper fractions and mixed numbers as decimal numbers.

a) $\frac{5}{10} =$ _____

b) $\frac{7}{10} =$ _____

c) $\frac{6}{10} =$ _____

d) $\frac{1}{10} =$ _____

e) $\frac{17}{100} =$ _____

f) $\frac{56}{100} =$ _____

g) $\frac{32}{100} =$ _____

h) $\frac{5}{100} =$ _____

i) $\frac{8}{100} =$ _____

j) $\frac{3}{100} =$ _____

k) $\frac{99}{100} =$ _____

l) $\frac{5}{1000} =$ _____

m) $\frac{16}{1000} =$ _____

n) $\frac{67}{100} =$ _____

o) $\frac{28}{1000} =$ _____

p) $\frac{10}{100} =$ _____

q) $\frac{40}{100} =$ _____

r) $\frac{60}{100} =$ _____

7 $\frac{5}{10} =$ _____

3 $\frac{7}{10} =$ _____

10 $\frac{6}{10} =$ _____

31 $\frac{1}{10} =$ _____

24 $\frac{17}{100} =$ _____

8 $\frac{56}{100} =$ _____

92 $\frac{32}{100} =$ _____

25 $\frac{5}{100} =$ _____

87 $\frac{8}{100} =$ _____

39 $\frac{3}{100} =$ _____

58 $\frac{99}{100} =$ _____

4 $\frac{5}{1000} =$ _____

23 $\frac{16}{1000} =$ _____

83 $\frac{67}{100} =$ _____

10 $\frac{28}{1000} =$ _____

6 $\frac{10}{100} =$ _____

17 $\frac{40}{100} =$ _____

50 $\frac{60}{100} =$ _____

Each digit in a decimal number holds a place value depending on its position relative to the decimal point.

- **4** → Ones place
- **7** → Tenths place ($7 \div 10 = \frac{7}{10} = 0.7$)
- **3** → Hundredths place ($3 \div 100 = \frac{3}{100} = 0.03$)
- **5** → Thousandths place ($5 \div 1000 = \frac{5}{1000} = 0.005$)

Q2) Represent the following numbers on the below place value chart.

b) 9825.014

Decimal Place Value Chart													
Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	•	tenths	hundredths	thousandths	ten thousandths	hundred thousandths	millionths
M	Hth	TTh	Th	H	T	O	•	t	h	th	tth	hth	m
							•						
							•						

Q3) Decompose the following decimals.

a) $56.987 =$ _____

b) $12.306 =$ _____

c) $814.23 =$ _____

d) $1.059 =$ _____

e) $0.257 =$ _____

Q4) Write each of the following in standard form.

1

$$8 + 0.3 + 0.06$$

2

$$0.4 + 0.01 + 0.002$$

3

$$3 + 0.8 + 0.01$$

4

$$70 + 4 + 0.05 + 0.002$$

5

$$1 + 0.4 + 0.07$$

6

$$6,000 + 600 + 50 + 0.9$$

Multiplying and dividing by 10, 100, and 1000

When you multiply a number by **10**, **100**, or **1000**, the digits shift to the **left**, and zeros are added if needed.

Q5) Find the answer of the following.

- a) $52.36 \times 10 =$ _____
- b) $203.2 \times 10 =$ _____
- c) $20.556 \times 10 =$ _____
- d) $456.8 \times 100 =$ _____
- e) $234.098 \times 100 =$ _____
- f) $2.258 \times 100 =$ _____
- g) $56.907 \times 100 =$ _____
- h) $516 \times 100 =$ _____
- i) $45.098 \times 1000 =$ _____
- j) $2.36 \times 1000 =$ _____
- k) $67.0967 \times 1000 =$ _____
- l) $25 \times 1000 =$ _____
- m) $564.1203 \times 10 =$ _____
- n) $0.02 \times 10 =$ _____
- o) $0.306 \times 100 =$ _____

When you divide a number by **10**, **100**, or **1000**, the digits shift to the **right**, and zeros are added if needed.

Q6) Find the answer of the following.

- a) $520 \div 10 =$ _____
- b) $823 \div 10 =$ _____
- c) $20.36 \div 10 =$ _____
- d) $2503.6 \div 100 =$ _____
- e) $678 \div 100 =$ _____
- f) $2.58 \div 10 =$ _____
- g) $3.269 \div 100 =$ _____
- h) $0.278 \div 100 =$ _____
- i) $7238.6 \div 1000 =$ _____
- j) $85.269 \div 1000 =$ _____
- k) $5694.25 \div 1000 =$ _____

Q7) Find the equivalent value for each of the following.

4 tens = _____

1.7 hundreds = _____

32.5 thousands = _____

125 tenths = _____

52.36 hundredths = _____

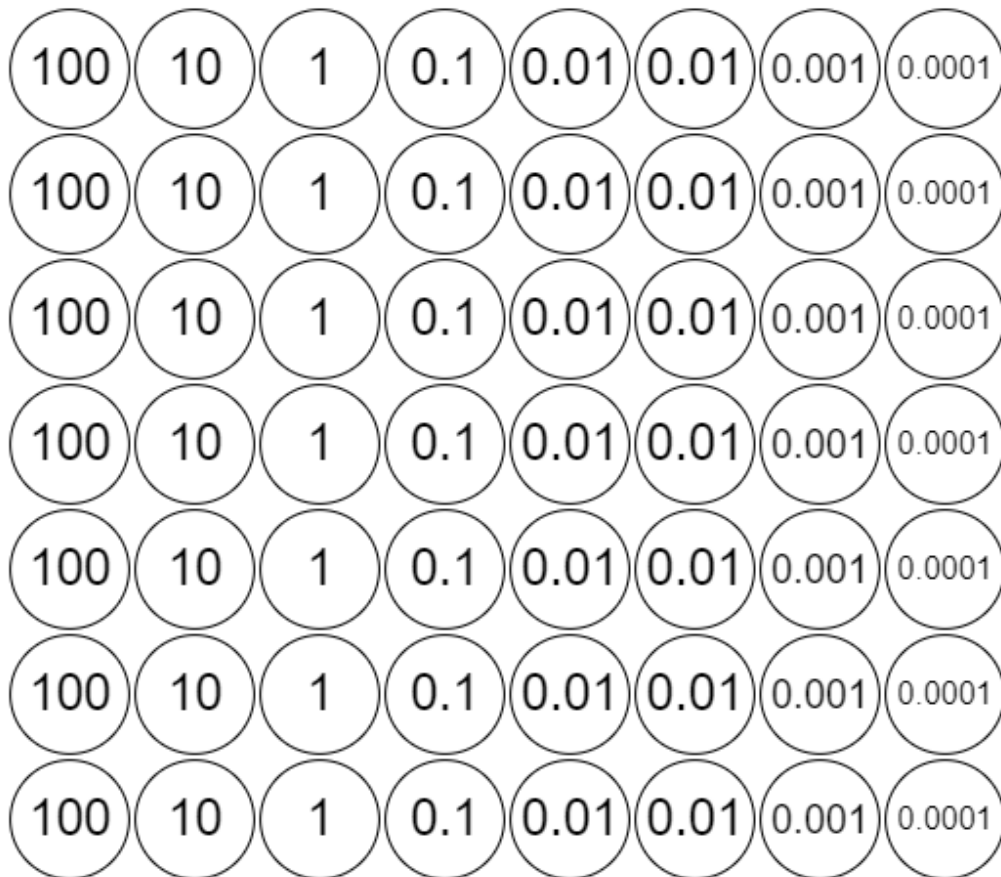
22.52 thousandths = _____

27 ones and 23 hundredths= _____

1 ten and 15 tenths = _____

35 hundreds and 8 hundredths = _____

Q8) Shade all the counters that you need to add together to make the number 347.20



Rounding decimals helps simplify numbers while keeping them as close as possible to their original value.

Q9) A sports club held an athletics competition. There were several events with different age categories for each event. Can you round the lengths to the different degrees of accuracy?

Length	Round to the nearest whole number	Round to the nearest tenth	Round to the nearest hundredth
4.256m			
3.972m			
0.937m			
0.869m			
2.114m			
3.731m			
50.074m			
39.238m			
8.269m			
12.351m			

Comparing decimals

Q10) Compare the following decimals using the correct symbols $<$, $>$, $=$.

1) 3.3 0.33

11) 9.42 0.942

2) 4.96 0.496

12) 8.83 8.84

3) 7.31 7.31

13) 7.11 7.18

4) 6.72 6.69

14) 5.14 0.514

5) 9.06 9.01

15) 9.35 9.36

6) 4.28 4.32

16) 0.72 0.072

7) 5.26 5.25

17) 6.21 0.621

8) 9.05 9.1

18) 1.19 1.21

9) 7.76 7.79

19) 9.39 9.38

10) 2.53 0.253

20) 6.83 0.683