

Alavi

21st Century Schools

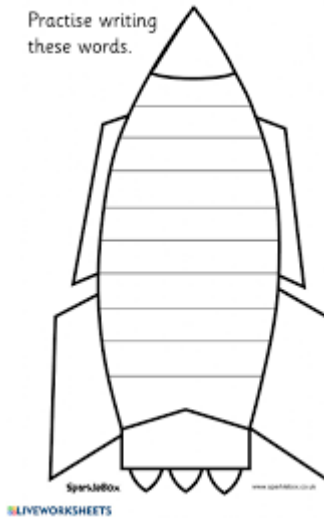


Session 35

- Which out of 0.5 and 0.05 is larger?
- Place 0.503, 0.53 and 0.513 in order from smallest to largest.

Lead-in: make a decimal rocket

- Stick different parts out of order on the board. Ask 2/3 Ss to come to the board and rearrange the rocket from least to greatest. (on each piece of decimal is written in advance)



Put this number in the place value chart.

35.04

Decimal Place Value Chart

Thousands	Hundreds	Tens	Ones		Tenths	Hundredths	Thousandths
		3	5	.	0	4	

The expanded form is:
 $3 \text{ tens} + 5 \text{ ones} + \underline{4 \text{ hundredths}}$
 $53 + 5 + 0.04$

Put this number in the place value chart.

473.123

Decimal Place Value Chart

Thousands	Hundreds	Tens	Ones	.	Tenths	Hundredths	Thousandths
	4	7	3	.	1	2	3

The expanded form is:

4 hundreds 7 tens + 3 ones + 1 tenths + 2 hundredths + 3 thousandths
 $400 + 70 + 3 + 0.1 + 0.02 + 0.002$

Put the number in the place value chart.

537.205

Decimal Place Value Chart

Thousands	Hundreds	Tens	Ones	.	Tenths	Hundredths	Thousandths
	5	3	7	.	2	0	5

The expanded form is:

5 hundreds + 3 tens + 7 ones + 2 tenths + 5 thousandths

500 + 30 + 7 + 0.2 + 0.005

Which expanded form is correct?

46.126

Decimal Place Value Chart

Thousands	Hundreds	Tens	Ones		Tenths	Hundredths	Thousandths
				.			

- a) $40 + 6 + 1 + 2 + 6$
- b) $40 + 6 + 0.1 + 0.2 + 0.6$
- c) $40 + 6 + 0.1 + 0.02 + 0.006$

Write these numbers in expanded form.

$$1) \quad 15.2 \quad = \quad 10 + 5 + 0.2$$

$$2) \quad 37.5 \quad =$$

$$3) \quad 29.6 \quad =$$

$$4) \quad 32.1 \quad =$$

$$5) \quad 15.4 \quad =$$

$$6) \quad 32.6 \quad =$$

$$7) \quad 61.3 \quad =$$

$$8) \quad 80.5 \quad =$$

$$9) \quad 37.1 \quad =$$

$$10) \quad 93.2 \quad =$$

$$11) \quad 74.6 \quad =$$

$$12) \quad 68.3 \quad =$$

$$13) \quad 59.4 \quad =$$

$$14) \quad 9.7 \quad =$$

$$15) \quad 41.3 \quad =$$

$$16) \quad 19.8 \quad =$$

$$17) \quad 30.4 \quad =$$

$$18) \quad 7.6 \quad =$$

$$19) \quad 36.5 \quad =$$

$$20) \quad 194.1 \quad =$$
