NS5-89: Adding and Subtracting Tenths

1. 1.3 is one whole and 3 tenths. How many tenths is that altogether? _____

2. a) 4.7 = _____ tenths b) 7. 1 = _____ tenths c) 3. 0 = _____ tenths

   d) _____ = 38 tenths e) _____ = 42 tenths f) _____ = 7 tenths

3. Add or subtract the decimals by first writing them as whole numbers of tenths.

   a) 2.1 + 1.0 = 3.1 → 21 tenths + 10 tenths = 31 tenths

   b) 1.3 + 1.1 = ☐ → ___ tenths + ___ tenths = ___ tenths

   c) 1.4 + 7.3 = ☐ → ___ tenths + ___ tenths = ___ tenths

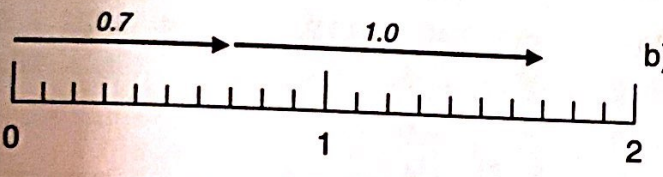
   d) 2.5 − 1.0 = ☐ → ___ tenths − ___ tenths = ___ tenths

   e) 7.6 − 4.2 = ☐ → ___ tenths − ___ tenths = ___ tenths

   f) 8.9 − 1.4 = ☐ → ___ tenths − ___ tenths = ___ tenths

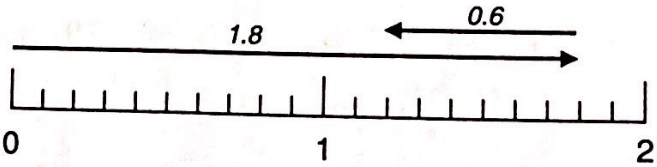
4. Find the sum or difference.

   a)



   .7 + 1.0 = _____

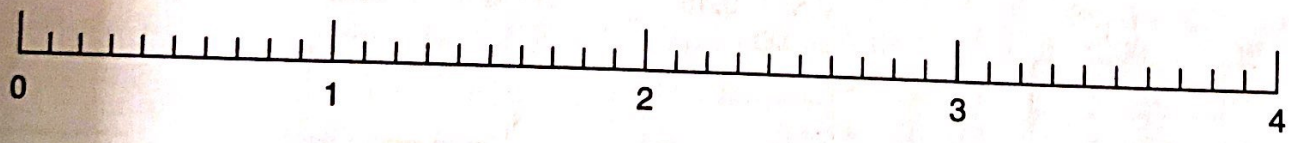
   b)



   1.8 − .6 = _____

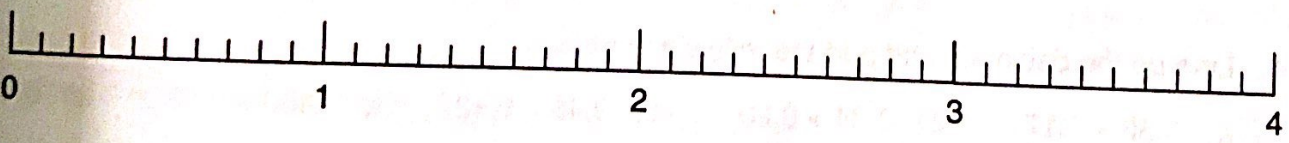
   Now draw your own arrows.

   c)



   2.5 + 1.2 = _____

   d)



   2.7 − 1.9 = _____

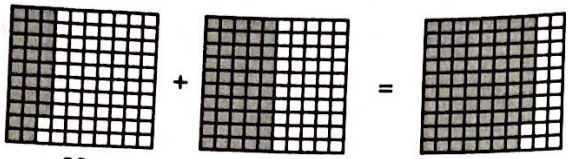
Add or subtract.

a) 3.5 − 1.2 = ☐ b) 4.6 + 3.2 = ☐ c) 5.4 + 1.7 = ☐ d) 9.2 − 4.9 = ☐ e) 3.7 + 4.9 = ☐ f) 2.8 − 1.9 = ☐

NS5-90: Adding Hundredths

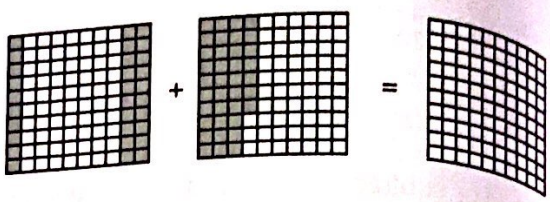
1. Write a fraction for each shaded part. Then add the fractions, and shade your answer. The first one has been done for you.

a)

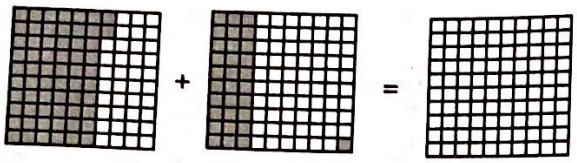


$\frac{28}{100} + \frac{50}{100} = \frac{78}{100}$

b)



c)



d)

2. Write the decimals that correspond to the fractions in Question 1.

a) .28 + .50 = .78	b)
c)	d)

3. Add the decimals by lining up the digits. Be sure that your final answer is expressed as a decimal.

a) 0.42 + 0.36

0	4	2
+ 0	3	6
0	7	8

b) 0.91 + 0.04

c) 0.42 + 0.72

d) 0.22 + 0.57

e) 0.3 + 0 .36

f) 0.5 + 0.48

g) 0.81 + 0.58

h) 0.46 + 0.22

4. Line up the decimals and add the following numbers.

a) 0.32 + 0.17 b) 0.64 + 0.23 c) 0.46 + 0.12 d) 0.87 + 0.02 e) 0.48 + 0.31

5. Anne mixed .63 liters of juice with .36 liters of ginger ale. How many liters of punch did she make?

6. A snake is .56 metres long.

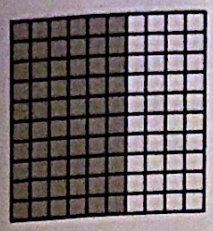
What fraction of a metre is this?

If two snakes of the same length lay end to end, would they be more or less than a metre long?

NS5-91: Subtracting Hundredths

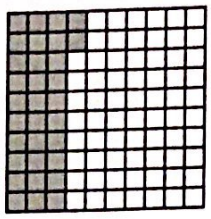
1. Subtract by crossing out the correct number of boxes.

a)



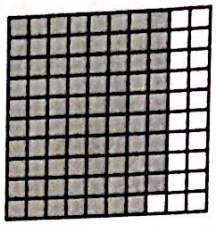
$\frac{60}{100} - \frac{20}{100} =$

b)



$\frac{32}{100} - \frac{22}{100} =$

c)



$\frac{79}{100} - \frac{53}{100} =$

2. Write the decimals that correspond to the fractions in Question 1.

a) .60 - .20 = .40

b)

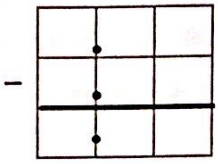
c)

3. Subtract the decimals by lining up the digits.

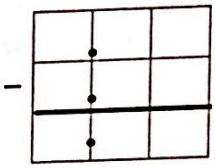
a) 0.74 – 0.31

0	7	4
– 0	3	1
0	4	3

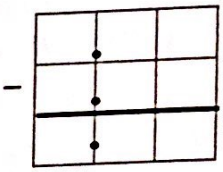
b) 0.88 – 0.34



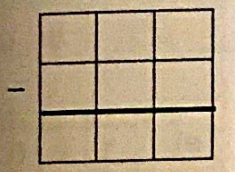
c) 0.46 – 0.23



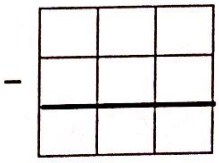
d) 0.75 – 0.21



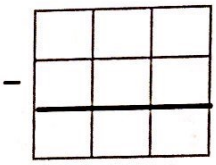
e) 0.33 – .17



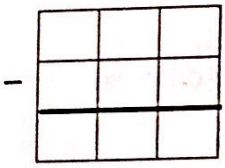
f) 0.64 – 0.38



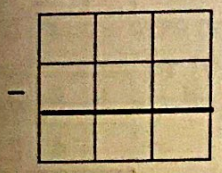
g) 0.92 – 0.59



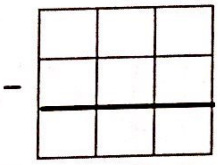
h) 0.53 – 0.26



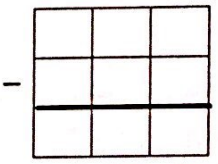
i) 1.00 – .82



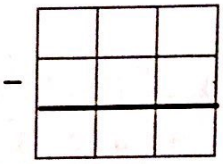
j) 1.00 – 0.36



k) 1.00 – 0.44



l) 1.00 – 0.29



4. Subtract the following decimals.

a) .82 – .45

b) .97 – .38

c) .72 – .64

d) .31 – .17

e) .58 – .3

f) .62 – .6

g) .98 – .03

h) .53 – .09

5. Find the missing decimal in each of the following.

a) 1 = .35 + ☐

b) 1 = .72 + ☐

c) 1 = .41 + ☐

NS5-92: Adding and Subtracting Decimals (Review)

1. Add by drawing a base ten model. Then, using the chart provided, line up the decimal points and add.
NOTE: Use a hundreds block for a whole and a tens block for one tenth.

a) 1.32 + 1.15

b) 1.46 + 1.33

=

=

+	ones	tenths	hundredths
	.		
	.		
	.		

+	ones	tenths	hundredths
	.		
	.		
	.		

2. Subtract by drawing a base ten model of the greater number then crossing out as many ones, tenths and hundredths as are in the lesser number, as shown in part a).

a) 2.15 – 1.13

b) 2.33 – 1.12

= 1.02

3. Add or subtract.

a) + 3.12 + 4.57 =

b) + 5.89 + 1.34 =

c) − 3.86 − 2.15 =

d) − 4.23 − 2.19 =

e) − 1.805 − 1.273 =

f) + 7.87 + 4.03 =

g) + 9.74 + 6.35 =

h) − 2.75 − 2.28 =

i) − 8.71 − 1.14 =

j) − 1.79 − 4.29 =

4. Bamboo can grow up to 0.3 m in a single day in ideal conditions.
How high could it grow in 3 days?

5. The largest axe in the world is 18.28 m long.
If a regular axe is 1.5 metres long, how much longer is the world's largest axe?

Continue the patterns. a) .2 , .4 , .6 , ____ , ____ , ____ b) .3 , .6 , .9 , ____ , ____ , ____