



Name: _____

Grade 4

NUMBER SENSE & NUMERATION: ADDING AND SUBTRACTING DECIMALS

Don't forget to play Decimal Mania - Addition and Subtraction first! Go to mathfrog.ca for the link.

1. Write each of the following as a decimal. Several have been done for you.

- | | | | |
|---------------------------------------|------------|-----------------------------------|---------------|
| a) nine tenths | <u>0.9</u> | b) eighty-two cents | <u>\$0.82</u> |
| c) four tenths | _____ | d) seven tenths | _____ |
| e) twenty-three cents | _____ | f) seven cents | _____ |
| g) one and five tenths | <u>1.5</u> | h) three dollars and twelve cents | <u>\$3.12</u> |
| i) seven and one tenth | _____ | j) thirteen and two tenths | _____ |
| k) three dollars and fifty-four cents | _____ | l) twenty dollars and two cents | _____ |

2. Write each of the following in words. Several have been done for you.

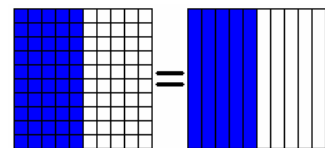
- | | | | |
|-----------|-------------------------------|------------|---------------------------------------|
| a) 0.8 | <u>eight tenths</u> | b) \$0.34 | <u>thirty-four cents</u> |
| c) 0.5 | _____ | d) 0.3 | _____ |
| e) \$0.13 | _____ | f) \$0.09 | _____ |
| g) 3.7 | <u>three and seven tenths</u> | h) \$1.52 | <u>one dollar and fifty-two cents</u> |
| i) 4.1 | _____ | j) 35.8 | _____ |
| k) \$2.22 | _____ | l) \$5.02 | _____ |
| m) 72.3 | _____ | n) \$19.18 | _____ |

3. Add or subtract.

- | | | |
|---|--|--|
| a) $\begin{array}{r} 0.6 \\ + 0.5 \\ \hline \end{array}$ | b) $\begin{array}{r} 2.5 \\ + 0.8 \\ \hline \end{array}$ | c) $\begin{array}{r} 3.8 \\ + 4.6 \\ \hline \end{array}$ |
| d) $\begin{array}{r} 27.5 \\ + 6.3 \\ \hline \end{array}$ | e) $\begin{array}{r} \$0.84 \\ + \$0.45 \\ \hline \end{array}$ | f) $\begin{array}{r} \$6.45 \\ + \$2.59 \\ \hline \end{array}$ |

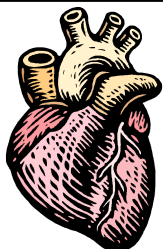
REMEMBER

Fifty hundredths is the same as five tenths!



DID YOU KNOW?

Your body has about 5.6 litres of blood. All of your blood circulates through your body three times every minute.



- | | | |
|---|--|--|
| g) $\begin{array}{r} 0.7 \\ - 0.2 \\ \hline \end{array}$ | h) $\begin{array}{r} 7.4 \\ - 0.9 \\ \hline \end{array}$ | i) $\begin{array}{r} 9.2 \\ - 4.9 \\ \hline \end{array}$ |
| j) $\begin{array}{r} 17.1 \\ - 4.2 \\ \hline \end{array}$ | k) $\begin{array}{r} \$0.93 \\ - \$0.15 \\ \hline \end{array}$ | l) $\begin{array}{r} \$7.35 \\ - \$6.98 \\ \hline \end{array}$ |

4. Place the following in columns as in question 3. Add or subtract as instructed.

a) $32.8 + 14.7$

b) $7.2 + 2.9$

c) $\$5.21 + \9.92

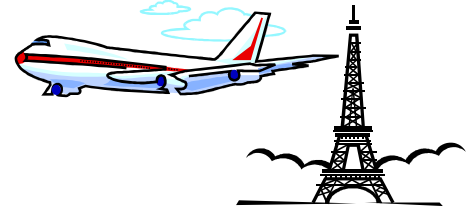
d) $9.1 - 4.2$

e) $91.4 - 18.7$

f) $\$56.40 - \5.81



5. Larry flew a distance of 6626.1 km from Toronto to Paris. Then he flew 7104.3 km from Paris to New Delhi. What total distance did he fly?



6. When Leon steps on a scale, it reads 74.2 kg. With Marianne in his arms, the scale reads 116.8 kg. How much does Marianne weigh?



7. For lunch, Nerissa had a hot dog for \$1.75, fries for \$1.15, and a drink for \$1.25. How much change should she receive if she pays with a ten-dollar bill?



TRY THIS!

Anita, Bruce, Carrie, and Doug spent \$29.50 for one board game. Anita paid \$8.70. Carrie paid what Anita paid minus what Bruce paid. Doug paid what Anita paid plus what Bruce paid. How much money did Bruce pay?

