



1. Write the following number in standard notation.

One hundred fifty-four billion,
two hundred twelve million,
eighty-five thousand

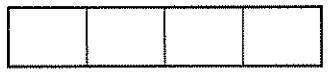


2. Fill in the blanks.

- a. $6 * (9 + 32) = (6 * \underline{\hspace{1cm}}) + (6 * \underline{\hspace{1cm}})$
- b. $(8 * 21) + (8 * 63) = 8 * (\underline{\hspace{1cm}} + \underline{\hspace{1cm}})$
- c. $3.5 * (17 - 4) = (\underline{\hspace{1cm}}) - (3.5 * \underline{\hspace{1cm}})$
- d. $\underline{\hspace{1cm}} * (8 - 2) = (5 * 8) - (5 * 2)$



3. Shade $\frac{1}{4}$ of the fraction stick.



a. Is this more or less than $\frac{2}{1}$?

b. Is this more or less than $\frac{8}{1}$?

c. $\frac{1}{4} + \frac{8}{6} = \underline{\hspace{2cm}}$



5. A rental car company has 9 cars. If each car holds 17.6 gallons of gasoline, how much gasoline will the 9 cars hold all together?



6. Find the whole set.

- a. 4 is $\frac{8}{1}$ of the set. _____
- b. 4 is $\frac{5}{2}$ of the set. _____
- c. 9 is $\frac{7}{3}$ of the set. _____
- d. 5 is $\frac{3}{1}$ of the set. _____
- e. 12 is $\frac{3}{8}$ of the set. _____

