



4. Use  $<$ ,  $>$ , or  $=$  to make true number sentences without calculating. Explain your thinking.

a.  $\frac{2}{3} \times (9 + 12)$    $15 \times \frac{2}{3}$

b.  $(3 \times \frac{5}{4}) \times \frac{3}{5}$    $(3 \times \frac{5}{4}) \times \frac{3}{8}$

c.  $6 \times (2 + \frac{32}{16})$    $(6 \times 2) + \frac{32}{16}$

5. Fantine bought flour for her bakery each month and recorded the amount in the table to the right. For (a–c), write an expression that records the calculation described. Then, solve to find the missing data in the table.

Month	Amount (in pounds)
January	3
February	2
March	$1\frac{1}{4}$
April	
May	$\frac{9}{8}$
June	
July	$1\frac{1}{4}$
August	
September	$\frac{11}{4}$
October	$\frac{3}{4}$

a. She bought  $\frac{3}{4}$  of January’s total in August.

b. She bought  $\frac{7}{8}$  as much in April as she did in October and July combined.

- c. In June, she bought  $\frac{1}{8}$  pound less than three times as much as she bought in May.
- d. Display the data from the table in a line plot.
- e. How many pounds of flour did Fantine buy from January to October?