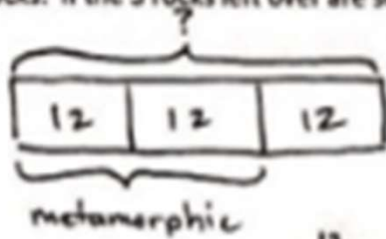# Multiply Fractions Word Problems Worksheets

4. DeSean is sorting his rock collection. $\frac{2}{3}$ of the rocks are metamorphic, and $\frac{3}{4}$ of the remainder are igneous rocks. If the 3 rocks left over are sedimentary, how many rocks does DeSean have?

5. Milan puts $\frac{1}{4}$ of her lawn-mowing money in savings and uses $\frac{1}{2}$ of the remaining money to pay back her sister. If she has $15 left, how much did she have at first?

Multiply Fractions Word Problems Worksheets

4. DeSean is sorting his rock collection. $\frac{2}{3}$ of the rocks are metamorphic and $\frac{3}{4}$ of the remainder are igneous rocks. If the 3 rocks left over are sedimentary, how many rocks does DeSean have?

1 unit = 12 rocks

3 units = 36 rocks
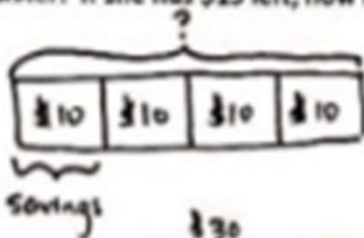
$3 \times 4 = 12$

DeSean has 36 rocks.

5. Milan puts $\frac{1}{4}$ of her lawn-mowing money in savings and uses $\frac{1}{2}$ of the remaining money to pay back her sister. If she has $15 left, how much did she have at first?
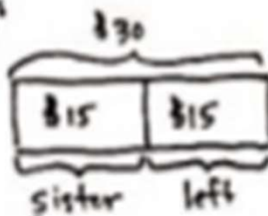
3 units = $30

1 unit = $10

4 units = $40

$15 \times 2 = $30

Milan had $40 at first.