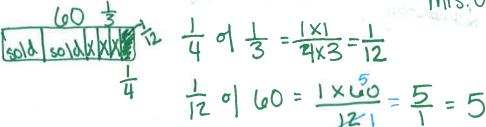
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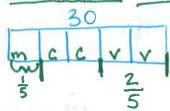
Date

Solve and show your thinking with a tape diagram.

1. Mrs. Onusko made 60 cookies for a bake sale. She sold $\frac{2}{3}$ of them and gave $\frac{3}{4}$ of the remaining cookies to the students working at the sale. How many cookies did she have left? Mrs. 0 had $\frac{5}{4}$ cookies left



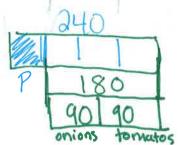
2. Joakim is icing 30 cupcakes. He spreads mint icing on $\frac{1}{5}$ of the cupcakes and chocolate on $\frac{1}{2}$ of the remaining cupcakes. The rest will get vanilla icing. How many cupcakes have vanilla icing?



$$\frac{2}{5}$$
 of $30 = \frac{2 \times 30}{51} = \frac{12}{1} = 12$

12 cupcakes have vanilla i cing.

3. The Booster Club sells 240 cheeseburgers. $\frac{1}{4}$ of the cheeseburgers had pickles, $\frac{1}{2}$ of the remaining burgers had onions, and the rest had tomato. How many cheeseburgers had tomato?



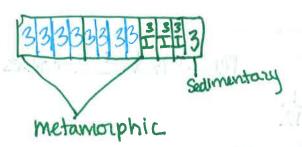
$$\frac{90}{3} \text{ cheadoungers had tomatos}$$

$$\frac{3}{4} = \frac{3 \times 240}{41} = \frac{180}{1}$$

$$\frac{1}{2} = \frac{180}{3} = \frac{90}{3}$$

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?

Desean has 36 rocks.



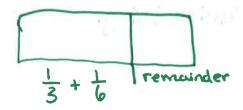
5. Milan puts $\frac{1}{4}$ of her lawn-mowing money in savings and uses $\frac{1}{2}$ of the remaining money to pay back her sister. If she has \$15 left, how much did she have at first? Milan has 140 at first.



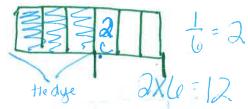
$$\frac{15+15=30}{\frac{1}{3}} = \frac{30}{3} = 10$$

$$4 \times 10 = 40$$

6. Parks is wearing several rubber bracelets. $\frac{1}{3}$ of the bracelets are tie-dye, $\frac{1}{6}$ are blue, and $\frac{1}{3}$ of the remainder are camouflage. If Parks wears 2 camouflage bracelets, how many bracelets does he have on?



Parks has 12 bracelets.



7. Ahmed spent $\frac{1}{3}$ of his money on a burrito and a water bottle. The burrito cost 2 times as much as the water. The burrito cost \$4. How much money does Ahmed have left?