

Multiply Fractions Word Problems Worksheets

Solve. 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?



sold



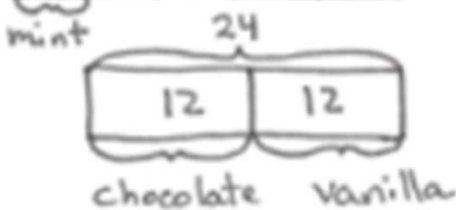
$$3 \text{ units} = 60 \text{ cookies}$$

$$1 \text{ unit} = 20 \text{ cookies}$$

$$20 \div 4 = 5 \text{ cookies}$$

Mrs. Onusko had 5 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?



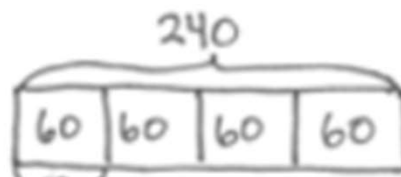
$$5 \text{ units} = 30 \text{ cupcakes}$$

$$1 \text{ unit} = 6 \text{ cupcakes}$$

$$24 \div 2 = 12 \text{ cupcakes}$$

Twelve cupcakes have Vanilla icing.

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?



$$4 \text{ units} = 240$$

$$1 \text{ unit} = 60$$

$$180 \div 2 = 90$$

Ninety cheeseburgers had tomato.