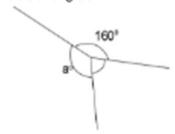
Fraction of a Set Worksheets

Solve using tape diagrams.

a. There are 48 students going on a field trip. One-fourth are girls. How many boys are going on the trip?

b. Three angles are labeled below with arcs. The smallest angle is $\frac{3}{8}$ as large as the 160° angle. Find the value of angle a.

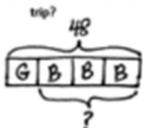


c. Abbie spent \$\frac{s}{8}\$ of her money and saved the rest. If she spent \$45, how much money did she have at first?

d. Mrs. Harrison used 16 ounces of dark chocolate while baking. She used $\frac{2}{5}$ of the chocolate to make some frosting and used the rest to make brownies. How much more chocolate did Mrs. Harrison use in the brownies than in the frosting?

Fraction of a Set Worksheets

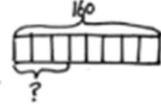
- Solve using tape diagrams.
 - a. There are 48 students going on a field trip. One-fourth are girls. How many boys are going on the



1 unit=世=12 There are 36 boys going on the field trip.

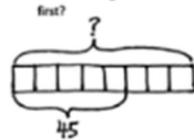
b. Three angles are labeled below with arcs. The smallest angle is $\frac{3}{6}$ as large as the 160° angle. Find the 8 units = 160 value of angle a.



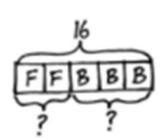


The value of angle a is 140.

c. Abbie spent sof her money and saved the rest. If she spent \$45, how much money did she have at



d. Mrs. Harrison used 16 ounces of dark chocolate while baking. She used $\frac{2}{5}$ of the chocolate to make some frosting, and used the rest to make brownies. How much more chocolate did Mrs. Harrison use in the brownies than in the frosting?



93-63=35

Mrs. Harrison used 35 more ounces of chocolate in the brownies than in the frosting.