

8. Use the table to write a proportion.

1 <u>-</u>	Tank A	Tank B	6 = f	OR	10 = 55
Fish	6	f	10 55		6 f
Gallons	10	55			

9. You can buy 5 pounds of grapes for \$9.95.

Write a proportion that gives the cost c if you buy 4 pounds of grapes.



Solve the proportion.



<u>16.</u> <u>Write and solve</u> a proportion to find how many points a student needs to score on a test worth 150 points if they want a 96%.



<u>17.</u> In an animal shelter, the ratio of dogs to cats is 5 to 3. There are 25 dogs. Write and solve a proportion to find the number c of cats.



18. You can buy 5 stickers for \$3.00. How much does it cost to buy 12 stickers?



<u>19.</u> It costs \$145 for 10 people to attend a concert. How much does it cost a group of 8 people?

145 = \$ 14.50 To = per person 10 - 8 OR 8 + 14.50 = (\$ 116.00 $10 \times = 1160$ \$ 116.00