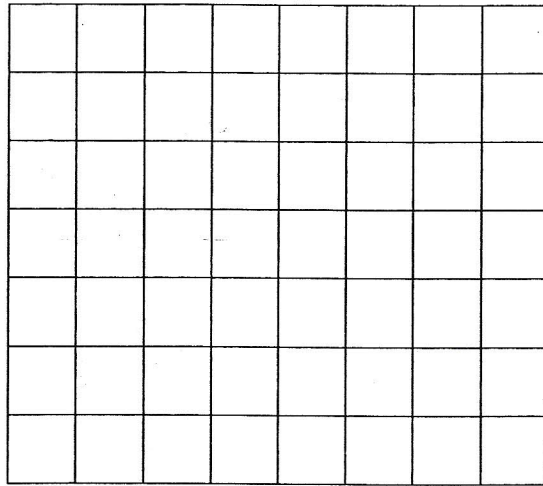
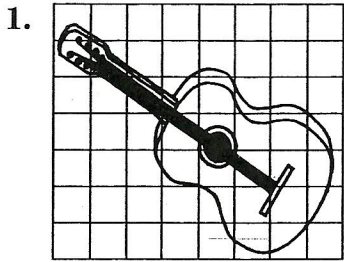


Enlarge each drawing.



Write each ratio in simplest form.

1. $\frac{12}{15}$

2. $\frac{8}{20}$

3. $\frac{3}{24}$

4. $\frac{2}{18}$

5. $\frac{24}{36}$

6. $\frac{12}{9}$

Solve each proportion.

9. $\frac{x}{3} = \frac{10}{15}$

10. $\frac{h}{4} = \frac{7}{14}$

11. $\frac{8}{14} = \frac{12}{a}$

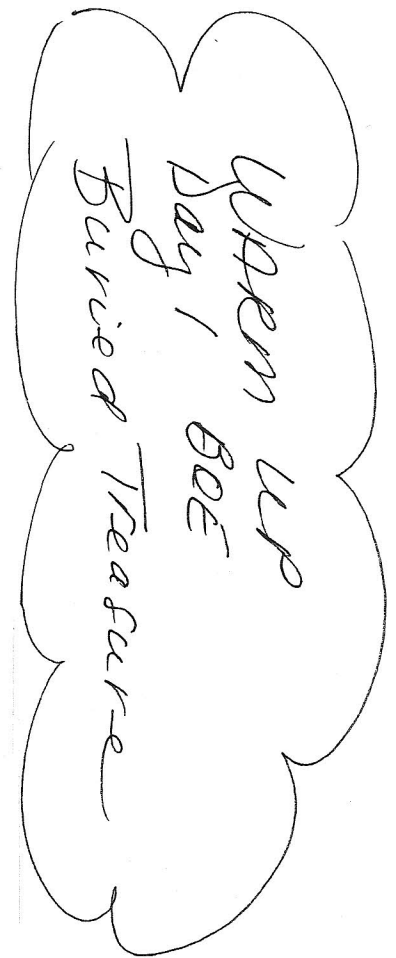
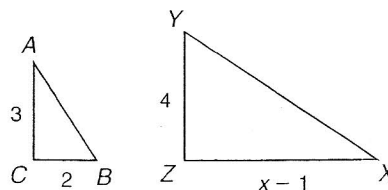
12. $\frac{5}{10} = \frac{4}{m}$

13. $\frac{9}{b} = \frac{15}{40}$

14. $\frac{8}{v} = \frac{28}{35}$

15. The ratio of sophomores to juniors in the Math Club is 2:3. If there are 21 juniors, how many sophomores are in the club?

3. $\triangle ABC \sim \triangle XYZ$. Find the value of x . Explain how you find the value.



Name _____
Date _____