

Reteaching 6-1

Understanding Percents

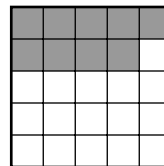
A **percent** is a ratio that compares a number to 100. The figure at the right contains 25 squares.

$\frac{9}{25}$ of the squares are shaded.

To write $\frac{9}{25}$ as a percent, follow these steps.

- ① Write a ratio with a denominator of 100 that is equal to $\frac{9}{25}$.

- ② Write the ratio as a percent.

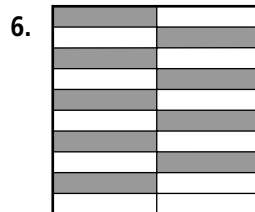
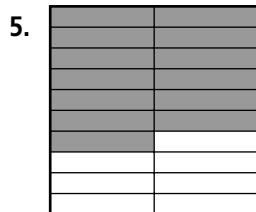
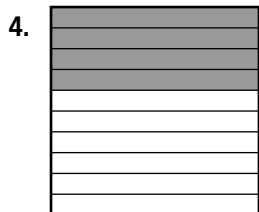
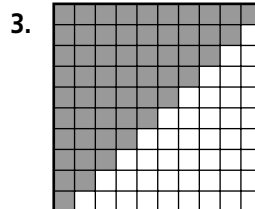
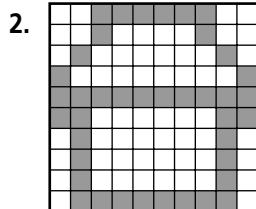
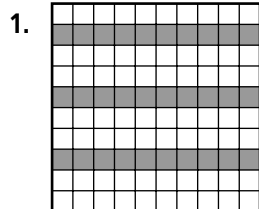


$$\frac{9}{25} = \frac{9 \cdot 4}{25 \cdot 4} = \frac{36}{100}$$

$$\frac{36}{100} = 36\%$$

36% of the squares are shaded.

Write a percent for each shaded figure.



Write each ratio as a percent.

7. $\frac{3}{5}$ _____

8. $\frac{17}{100}$ _____

9. $\frac{18}{25}$ _____

10. $\frac{8}{10}$ _____

11. $\frac{1}{4}$ _____

12. $\frac{17}{50}$ _____

13. $\frac{7}{20}$ _____

14. $\frac{21}{25}$ _____

15. $\frac{3}{10}$ _____

16. $\frac{2}{5}$ _____

17. $\frac{99}{100}$ _____

18. $\frac{11}{20}$ _____

19. $\frac{1}{10}$ _____

20. $\frac{39}{50}$ _____

21. $\frac{19}{20}$ _____