



SKILL 10: Meaning of Percent

A **percent** is a ratio that makes a comparison to 100.

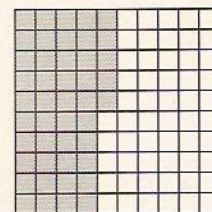
The meaning of percent is hundredths. So 80% is 80 hundredths, or $\frac{80}{100}$.

Example 1

What percent (%) of the figure is shaded?

45 out of 100 squares, or 45 hundredths of the squares are shaded.

$\frac{45}{100} = 45\%$, so 45% of the figure is shaded.



Example 2

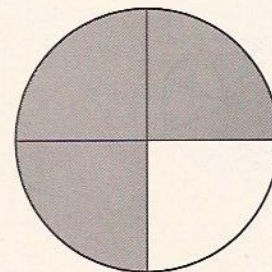
What percent of the circle is shaded?

3 out of 4 of the sections of the circle are shaded.

Find a ratio equal to $\frac{3}{4}$ with a denominator of 100.

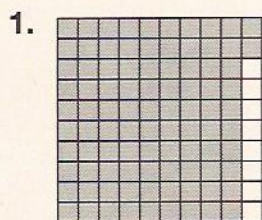
Then write the percent.

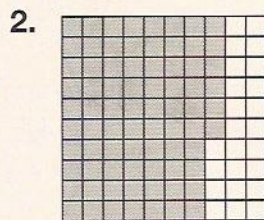
$\frac{3}{4} = \frac{3 \times 25}{4 \times 25} = \frac{75}{100} = 75\%$, so 75% of the circle is shaded.

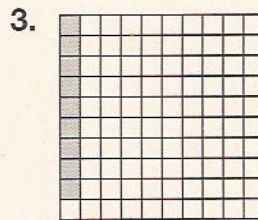


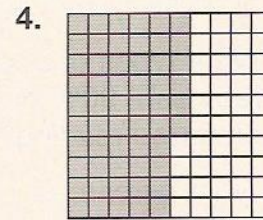
Guided Practice

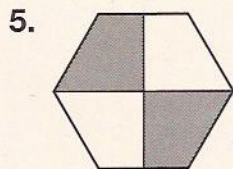
Give the percent of each figure that is shaded.





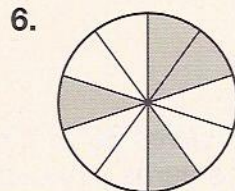






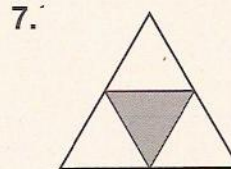
$$\frac{1}{2} = \frac{\square}{100}$$

$$\frac{1}{2} = \underline{\hspace{2cm}}$$



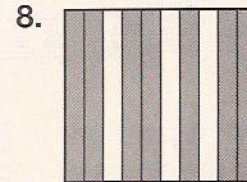
$$\frac{4}{10} = \frac{\square}{100}$$

$$\frac{4}{10} = \underline{\hspace{2cm}}$$



$$\frac{1}{4} = \frac{\square}{100}$$

$$\frac{1}{4} = \underline{\hspace{2cm}}$$



$$\frac{7}{10} = \frac{\square}{100}$$

$$\frac{7}{10} = \underline{\hspace{2cm}}$$