

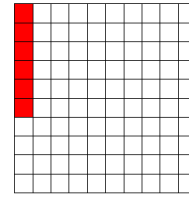
6.1 Percents

p. 330 4-16-18

Apr 2-10:07 AM

A **percent** is the ratio of a number to 100. The symbol % is used to indicate that a number is a percent.

$$\frac{6}{100} = 6\%$$

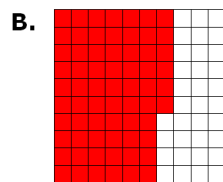
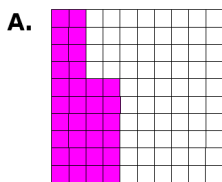


Reading Math

The word *percent* means "per hundred." So 6% means "6 out of 100."

Apr 2-10:08 AM

Write the percent modeled by each grid.

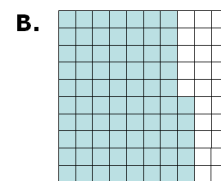
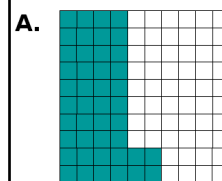


$$\frac{\text{shaded}}{\text{total}} = 32\%$$

$$\frac{\text{shaded}}{\text{total}} = 66\%$$

Apr 2-10:08 AM

Write the percent modeled by each grid.



$$44\%$$

$$75\%$$

May 5-10:04 AM

Write 28% as a fraction in simplest form.

$$28\% = \frac{28}{100} = \frac{7}{25}$$

Apr 2-10:08 AM

Write 90% as a fraction in simplest form.

$$\frac{90}{100} = \frac{9}{10}$$

Apr 2-10:08 AM

Write 17% as a decimal.

17.3%
 .173 17% $\frac{17}{100}$
 0.17

Apr 2-10:08 AM

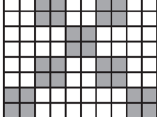
Write 24% as a decimal.

.24

Apr 2-10:10 AM

Lesson Quiz

1. Write the percent modeled by the grid.

$\frac{92}{100} = \frac{23}{25}$  36%

2. Write 92% as a fraction in simplest form.

3. Write 16.4% as a decimal. .164

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Apr 18-3:00 PM

Write each percent as a fraction in simplest form.

4. 16% 5. 49% 6. 20% 7. 15%

$\frac{49}{100}$

8. 18% 9. 30% 10. 35% 11. 46%

$\frac{60}{100} = \frac{3}{5}$

Apr 11-11:02 AM

12. 86% 13. 79% 14. 56% 15. 45%

Write each percent as a decimal.

16. 33% 17. 57% 18. 46% 19. 6%

_____ 0.57 _____ 0.06

Apr 11-11:03 AM

20. 4.7% 21. 13.2% 22. 75.8% 23. 4%

.132
 $\frac{13.2}{1000} = \frac{132}{10000} = \frac{66}{5000} = \frac{33}{2500}$
 24. 1.16% 25. 27.05% 26. 93.01% 27. 7.9%

_____ _____ _____ $\frac{79}{100} = \frac{79}{1000}$

Apr 11-11:03 AM