

Numbers and percents



Name Class Date



What **percent equation** can be used to find what percent of machines work if **3** out of **12** do **not** work?

- **A** $\frac{3}{12} = \frac{x}{100}$
- $c \frac{12}{3} = \frac{x}{100}$
- **B** $\frac{9}{12} = \frac{x}{100}$
- $\frac{3}{9} = \frac{x}{100}$



Jerome got an **84%** on a test that had **75** questions. How many **questions** did he get correct?

- A 48
- **B** 60
- **C** 63
- D 65



Out of **50** people, **32** said they have one or more pets.

What percent of people own a pet?



If the **55** employees who work overtime make up approximately **42%** of all employees at the company, **how many** employees are there in total?





PREVIEW



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- **B** 150
- C 300
- 500
- D 625

D 65%

9

What percent of 87 is 58?

- A 29%
- **B** 33%
- C 67%
- D 71%

10

A movie theater seats 175 people.
On Saturday night, 112 seats are filled.

What percent of seats are not filled?

- A 265%
- **B** 36%
- C 64%
- **D** 74%



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Name Class Date What percent equation can be used to Jerome got an 84% on a test that had find what percent of machines work if 75 questions. How many questions 3 out of 12 do not work? did he get correct? B **A** $\frac{3}{12} = \frac{x}{100}$ C A 48 **B** 60 **B** $\frac{9}{12} = \frac{x}{100}$ C 63 D 65 3 If the 55 employees who work overtime Out of 50 people, 32 said they have one or more pets. make up approximately 42% of all employees at the company, how many What percent of people own a pet? employees are there in total? A 5 A **PREVIEW** Please Sign In or Sign Up to download 7 the printable version of this worksheet D D 65% **B** 150 C 300 D 625 9 What percent of 87 is 58? 10 A movie theater seats 175 people. On Saturday night, 112 seats are filled. A 29% What percent of seats are not filled? **B** 33% (**B**) C 67% A 265% D 71% **B** 36% C 64% **D** 74%