



Name _____ Class _____ Date _____

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

- A $\frac{3}{12} = \frac{x}{100}$
- B $\frac{9}{12} = \frac{x}{100}$
- C $\frac{12}{3} = \frac{x}{100}$
- D $\frac{3}{9} = \frac{x}{100}$

3 Out of **50** people, **32** said they have one or more pets.
What **percent** of people own a pet?

- A 18%
- B 36%
- C 54%
- D 65%

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PREVIEW

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- A 25
- B 150
- C 300
- D 625

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?

- C 54%
- D 65%

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



ANSWER KEY

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)

B $\frac{9}{12} = \frac{x}{100}$

D $\frac{3}{9} = \frac{x}{100}$

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

(c)

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

What percent of people own a pet?

A 18%

B 36%

C 54%

D 64%

(d)

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

A 131

B 95

C 76

(a)



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What **percent** of **87** is **58**?

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C 67%

D 71%

(c)

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%

(b)