

## Percents

A college writing seminar increased its size by 50% from the first to the second day. If the total number of students in the seminar on the second day was 15, how many students were in the class on the first day?

(A) 8

(B) 10

(C) 23

(D) 30

A construction crew was made up of 8 men and the rest women. If 40% of the crew were men, how many people were in the crew?

In 2005, the USGS conducted a survey to investigate water usage in the United States. The following table shows their findings.

Categories of water usage	Total estimated water usage
Aquaculture	2%
Domestic	1%
Industrial	4%
Irrigation	31%
Livestock	1%
Mining	1%
Public supply	11%
Thermo electric	49%

If 3.8 billion gallons of water are used for domestic use per day, approximately how many gallons of water are used for irrigation per day?

(A) 1 billion

(B) 118 billion

(C) 152 billion

(D) 380 billion

## Percents

A clothing warehouse houses about 14,000 garments at the beginning of each year. Throughout the year, a small percentage of the garments become lost or damaged, and must be replaced at the end of the year. Each year, about 1.5% of the garments become damaged but not lost, and about 0.6% become lost. About how many garments must be replaced each year due to loss or damage?

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- A 80 garments
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- B 130 garments
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- C 210 garments
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- D 290 garments
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A movie fanatic has amassed a giant collection of home movies, some on DVD and others in the older VHS cassette mode. If the fanatic has 308 movies on DVD, which comprises 31.3% of the total collection, how many total movies are in the collection?

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- A 96
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- B 212
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- C 676
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- D 984
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