

Percent Test

Convert the following into a fraction out of 100 and reduce to lowest terms.

- 1) 13% 2) 10% 3) 28 %

Answers:

1) $\frac{13}{100}$ 2) $\frac{10}{100} = \frac{1}{10}$ 3) $\frac{28}{100} = \frac{7}{25}$

Convert the following percentages into decimals through long division.

- 1) 27% 2) 67% 3) 85%

Answers:

- 1) **.27** 2) **.67** 3) **.85**

Convert the following percentages into decimals with the shortcut method.

- 1) 11% 2) 226% 3) 1%

Answers:

- 1) **.11** 2) **2.26** 3) **.01**

Convert the following fractions into percentages

- 1) $\frac{3}{4}$ 2) $\frac{6}{5}$ 3) $\frac{1}{8}$ 4) $\frac{2}{10}$ 5) $\frac{7}{20}$

Answers:

- 1) **75%** 2) **120%** 3) **12.5%** 4) **20%** 5) **35%**

Solve the following.

- 1) What is 20% of 10? 2) What is 13% of 20?

Answers:

- 1) **.20** 2) **2.6**

- 3) 35% of what number is 7?

- 4) What percent of 50 is 30?

Answers:

- 3) **20** 4) **60%**

5. If the value of a house falls from \$120,000 to \$90,000 what percentage did price drop?

Answer:

2) 25%

6. You pay 11% sales tax on a shirt that sells for \$21.

a) How much tax did you pay?

Answer:

a) \$2.31

b) What was the total cost of the shirt?

Answer:

b) \$23.31