Percentages

Write each percent as a fraction in simplest form.

1) 85%   2) 8.92%   3) $4\frac{1}{4}$%

Write each fraction as a percent.

4) 5/8   5) 1/5   6) 3/4

Write each decimal as a percent

7) 0.0023   8) 0.112   9) 0.053

Solve:

10)   What number is 5% of 44?

11)   95% of 40 is what number?

12)   1950 is 65% of what number?

13)   What percent of 120 is 48?

14)   36% of what number is 281.25?

Remember the fraction model for percents: $\% = \dfrac{Part}{Whole} \times 100$

15) 40 students are in the room 8 of them drive trucks. What percent of the students in the room drive trucks?

16) A pizza is cut into 20 slices. If you friend takes five slices what percent of the pizza did they take?

17) 15 out of 200 people pay too much for their cell phone plans. What percentage does this represent?

Answers

1) $\dfrac{17}{20}$

2) $\dfrac{223}{2500}$

3) $\dfrac{11}{400}$

4) 62.5%

5) 20%

6) 75%

7) 0.23%

8) 11.2%

9) 5.3%

10) 2.2

11) 38

12) 3000

13) 40%

14) 781.25

15) 20%

16) 25%

17) 7.5%