



## Percentage Calculation word problems

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Solve.**

- 1) A cinema has 370 seats. 212 seats were sold for current movie. What percent of seats are empty?
  
- 2) Children had to pick their favorite sport from basketball, football and hockey. 25% chose basketball and 35% chose hockey. What percentage chose football?
  
- 3) Chelsea have won  $\frac{19}{25}$  of their soccer matches. What percentage have they lost?
  
- 4) There are 442 girl students in class. If 15% of the students are boys, find the total number of students on class.
  
- 5) Ben was able to cover 35% of 75 km journey in the morning. What percent of journey is still left to be covered?
  
- 6) An engineering student answered 162 questions correctly on a 180 question test. What percent of the questions did she answer correctly? What percent were incorrect?
  
- 7) What percent of 52 is 12?
  
- 8) How much HCL(hydrochloric acid) is in a 12-liter container that is marked 93% HCL(hydrochloric acid)? How much is water?



QUIZ ?

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## Answers



**Solve.**

1) A cinema has 370 seats. 212 seats were sold for current movie. What percent of seats are empty?

**42.70%**

2) Children had to pick their favorite sport from basketball, football and hockey. 25% chose basketball and 35% chose hockey. What percentage chose football?

**40%**

3) Chelsea have won  $\frac{19}{25}$  of their soccer matches. What percentage have they lost?

**24%**

4) There are 442 girl students in class. If 15% of the students are boys, find the total number of students on class.

**520**

5) Ben was able to cover 35% of 75 km journey in the morning. What percent of journey is still left to be covered?

**48.75 km**

6) An engineering student answered 162 questions correctly on a 180 question test. What percent of the questions did she answer correctly? What percent were incorrect?

**90%, 10%**

7) What percent of 52 is 12?

**23.07%**

8) How much HCL(hydrochloric acid) is in a 12-liter container that is marked 93% HCL(hydrochloric acid)? How much is water?

**11.16 L, 0.84 L**



QUIZ ?

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