

# Quiz on Fractions to Decimals to Percents:(all fractions are to be in lowest terms)

Name:

Date:

A. Fill in the blanks below with the correct answer.( $\frac{1}{2}$  mark each, total 9 marks)

Fractions	Decimals	Percents
$1 \frac{3}{4}$		
	0.125	
		375 %
$2 \frac{4}{5}$		
$\frac{1}{3}$		
	0.001	
		3.5 %
		95%
	0.08	

B. Answer the following questions by providing the answer, and show all work.

a. What is 30 % of the following?( 1 mark each, total 4 marks)

i) \$ 400

ii) \$ 150

iii) \$ 110

iv) \$ 12

b. i) If Nolan went to the music store to buy some new band equipment that were 40% off their original price, what did he pay for each, without tax?( 2 marks)

-guitar regular price is \$495

-drums regular price is \$650

ii)If he was to pay 12 % sales tax on both items, how much did he pay in total?( 2 marks)

c. If a movie theatre had 550 seats in total, but was only 60 % full, how many seats were empty?( 2 marks)

d. Kamloops held a Backstreet Boys concert had 1820 fans attending. The stadium was only filled 70% of full capacity.

i) How many seats are available if a concert is 100 % full?( 2 marks)

ii) How many seats were not filled at this concert?( 1 mark)

e. If you went shopping for some clothing and found some pants for \$70, a shirt for \$25 dollars, and a new belt for \$15. All of the items were 25% off.

i) How much were the total items on sale?( 2 marks)

ii) How much was the grand total with sales tax at 12%?( 1 mark)

f. You ate 25% of the cookies that were in the box. If there were 70 cookies in total, how many are left?( 2 marks)

g. Your parents bought you a new car of choice that was regular \$35,000, but your parents paid only \$12, 250 when on sale. What percent off was the car?( 2 marks)