Jakarta International School

6th Grade
**Practice test 2 – Formative
Decimals, Fractions, Percents.
Green**

Name: _____

Date: _____

Score: $\overline{25}$

Percents, decimals and Fractions

1) Convert each percent to a decimal number and simplified fractions. (2pts each)

Percent	Decimal	Fraction
32%		
75%		

2) Convert each fraction to percent and decimal numbers (2pts each)

Fraction	Decimal	Percent
$\frac{3}{8}$		
$\frac{12}{25}$		

Finding a percent of a number.
Show how you would solve the following percent problems. You need to show all your working steps to gain full points. (3pts each)

3) 28% of 500

4) 15% of $280

Application Problems

Show all working for maximum points. Use lined paper if necessary. Write your answer in a sentence.

6) Oscar's monthly allowance is Rp400 000. He spends 45% of his money on books and DVDs and 15% of his money on snacks at school.

a. How much money does Oscar spend each month on school snacks? (2pts)

b. How much money does he have left over after buying books, DVDs and snacks? (1pt)

7) On the weekend Eden had to clean out her bedroom. She decided to give away 75 books. That afternoon, she gave away $\frac{3}{5}$ of the 75 books to her friends.

a. How many books were left in the give away pile? (2pts)

On Monday she took 70% of the rest of the books to the KDM children and the remainder to the book swap.

b. How many books did Eden give to KDM? (1pt)

8) Mercedes wanted to buy some new soccer boots that cost Rp750 000. She only had Rp600 000 left in her bank account, so she asked her grandmother to pay the rest.

a. What fraction of the total cost will Grandmother pay? (2pts)

b. Write the fraction (in answer a) as a percent. (1pt)

9) At Christmas time, a book you wanted costs Rp360 000 at Aksara. However, last weekend you saw it on sale with 20% off this price so you asked your parents to buy it for you.

 a. Calculate the sale price of the book? (2pts)

b. Your mother has an Aksara club card and gets a further 5% off the sale price. What does she end up paying for your new book? (2pts)

10) You and your family ate out at Jack's Steak House last holiday. The bill came to $69.10. Your Dad wants to leave about 20% as a tip for the waiter.
He asks you to estimate how much he should leave.
How much do you suggest for the tip? Show how you estimate. (2pts)