Problem 1

How do you represent 10% as a fraction?

(A) $\frac{10}{1}$ = 10

(B) $\frac{1}{2}$ = 0.5 ($00.50)

(C) $\frac{1}{100}$ = 0.01

(D) $\frac{1}{10}$ = 0.1 = $\frac{10}{100}$

$15/hr → $\frac{\$15}{1hr}$

10% → "percent" → "per cent"

(10 / 100) = $\frac{10}{100}$ = 0.1

= 10 ÷ 10 = 1 / 100 ÷ 10 = 10

- Reducing fractions
- Common denominator
- greatest common factor

↳ 1 × 10 = 10, 2 × 5 = 10 } 1, 2, 5, 10

10%. , 13%. , 5.5%.

Problem 2

How do you represent 10% as a decimal?

(A) 0.10

(B) 1.0

(C) 0.001

(D) 10.0

10% → $\frac{10}{100}$ → $\frac{10.0}{100}$

"move the decimal 2 places to the left"

10.0

0.10 = 0.1

$7.00

13 → 13.0 → 13.00

200 → 200.00 → $200.00

10 → 10.0

Problem 3

There is a shirt you want that costs $12.00. Volusia County sales tax is 6.5%. How much will the tax be?

(A) $0.12

(B) $1.20

(C) $0.78

(D) $7.80

107%, 13%, 5.5%

[% → dividing by 100]

107% "107 percent"
107 divided by 100
107 ÷ 100
107 / 100
$\frac{107}{100}$

percent → per cent
per 100

0.7%
22%
5000%

13% → $\frac{13}{100}$

5.5% → $\frac{5.5}{100}$

Problem 4

Including tax, what is the total amount you'll pay for the shirt in problem #3?

(A) $12.12

(B) $12.00

(C) $13.78

(D) $12.78

Problem 5

Yesterday, Rashed went to the grocery store to buy a few things. Some items were taxed at 6.5%, and some items were not taxed.

Water	$2.99	not taxed
Apples	$0.75	not taxed
Paper Towels	$4.99	taxed
Soup	$2.00	not taxed
Socks	$5.50	taxed
Birthday Card	$1.99	taxed

How much tax did Rashed end up paying?

(A) $1.18

(B) $8.11

(C) $0.81

(D) $0.65

What was the total amount that Rashed spent at the store?

(A) $19.03

(B) $18.22

(C) $17.41

(D) $19.40