Ch. 2 BOARD PROBLEMS

① $-2 + 17 - 3 - 4 =$

② $2 \times (-4)(-6) =$

③ $3 - (-4) - 6 + 20 =$

④ $1\frac{3}{4} \div \frac{7}{8} =$

⑤ $1\frac{2}{3} \times 2\frac{6}{7} =$

⑥ What are the prime factors?

$$72$$
$$\wedge$$

⑦ A SADDLE NORMALLY COST $139S, BUT IS 20% OFF TODAY. IF TAX IS 9%, WHAT IS THE TOTAL?

NOTES CH2

PEMDAS

P / E

M / D

A / S

EX. 1 $4 \times 3^2 + 2^2 - 6 =$

ABSOLUTE VALUE

$|-3| =$ $|+3| =$

$|-2-5| =$

EX 2 $|18-36| + (|3+5^2| - 15)^2 =$ ___

3 $(-5)^2 + (9+4^2) =$ ___

4 $4.9 + 4^2 =$ ___

5 $|-2-3| - 7*4 + 3*8 =$ ___

NOTES SYSTEMATIC REVIEW

REDUCE USING GFC - (Largest number dividing evenly in to both numbers)

$\frac{32}{48}$

32 48
^ ^

FIND LEAST COMMON MULTIPLE OF 24 & 36

① LIST MULTIPLES OR ② 24 36
^ ^

24, , ,

36, , ,

FRACTIONS (AGAIN)

① $\frac{1}{2} + \frac{3}{4}$ = ____

② $\frac{3}{7} + \frac{1}{21}$ = ____

③ $\frac{3}{4} + \frac{1}{8}$ = ____

Ch. 2 - Practice Problems

① $4 \cdot 7 + 3^2 =$ ___

② $12^2 \times (2+3) - 4 =$ ___

③ $14 \div 2 - 1 \times 6 =$ ___

④ $(-3)^2 \div 9 + 6 =$ ___

⑤ $|6 \div (-2)| * 5 - 3^2 =$ ___

⑥ Find the GCF and LCM of 8 and 12

a) GCF =

b) LCM =

⑦ $\frac{5}{7} + \frac{1}{9} =$

⑧ $\frac{2}{3} + \frac{1}{6} =$

HONORS PROBLEMS

① HOW MANY COMPOSITE NUMBERS BETWEEN 30 and 50?

② LIST ALL FACTORS OF 289.

③ IF 15 ROSES COST $18 AND 15 CARNATIONS COST $10, WHAT IS THE COST OF 1 ROSE?

④ A PLUMBER WORKED FOR 1.5 HOURS. HIS BILL WAS $75.78. PART and tax WAS 45.78. WHAT WAS HIS HOURLY CHARGE FOR LABOR?