

Plan for Today

- ① Go over some q's from yesterday's work.
- ② Hand in homework.
- ③ Review:
Mean, mode,
median, range.

P.1) REDUCING FRACTIONS

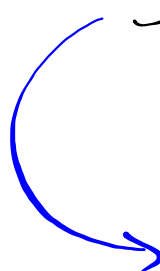
① $\frac{30}{50} \div 10 = \frac{3}{5}$

③ $\frac{42}{49} \div 7 = \frac{6}{7}$

$7 \times 6 = 42$
 $42 \div 1 = 42$
 $42 \div 2 = 21$
 $7 \times 7 = 49$

⑤ $\frac{35}{56}$

$35 \div 1 = 35$
 $35 \div 2 = 17.5$
 $35 \div 3 = 11.66$
 $35 \div 4 = 8.75$
 $35 \div 5 = 7$
 $35 \div 6 = 5.83$
 $35 \div 7 = 5$



$56 \div 1 = 56$
 $56 \div 2 = 28$
 $56 \div 3 = 18.6$
 $56 \div 4 = 14$
 $56 \div 5 = 11.2$
 $56 \div 6 = 9.3$
 $56 \div 7 = 8$
 $56 \div 8 = 7$

$\frac{5}{8}$

p.2) Converting between decimals, percents and fractions

Decimal to Percent

$$0.961 \times 100 = 96.1$$

Percent to Decimal.

$$45\% \div 100 = 0.45$$

Decimal to fraction

$$0.938 = \frac{938}{1000}$$

$$\frac{469}{500}$$

Fraction to decimal

$$\frac{57}{50} = 1.14$$

Fraction to Percent

$$\frac{13}{16} = \frac{?}{100} \quad 81.25\%$$

Percent to Fraction

$$36.2\% \rightarrow \frac{36.2}{1000}$$

$$2 \div 2 = \frac{362}{1000}$$

$$\frac{181}{500}$$

P.3) PROPORTION WORD PROBLEMS

3) One cantaloupe costs \$2. How many can you buy for \$6?

cantaloupe	1	3
price (\$)	2	6

cross multiply
 $1 \div 2 \times 6 = 3$

10) The money used in Jordan is called Dinar. The exchange rate is \$3 to 2 Dinar. Find how many \$ you would receive if you exchanged 22 Dinars.

P.4) (continued...)

18) Molly bought 2 heads of cabbage for \$1.80. How many heads of cabbage can Willie buy if he has \$28.80?

cabbage	2	32
\$	1.80	28.80

$$2 \div 1.80 \times 28.80 = 32$$

Dinar	2	22
\$	3	33

$$2 \div 3 \times 22 = 33$$