

Pre-Algebra

To do now:

- ✓ **Complete Warm Up**
- ✓ **Homework on your desk.**
 Chapter Quiz, Page 286 #1-9, & 14
 Skills Review: Page 285 #35-40

Agenda:

- ✓ **Proportions of Barbie and He-Man!**

Homework:

None will finish Barbie/He-Man measurements Monday.

Warm Up:

If a 12 oz. soda costs \$1.08, how much would a 40 oz. soda cost at the same rate?

$$\begin{array}{r}
 12 \text{ oz} \quad 1.08 \\
 12 \text{ oz} \quad 1.08 \\
 \hline
 12 \text{ oz} \quad 1.08 \\
 \hline
 36 \text{ oz} \quad \$3.24
 \end{array}$$

$$\begin{array}{r}
 12 \text{ oz} \quad 1.08 \\
 \hline
 3 \quad 3 \\
 \hline
 40 \text{ oz} \quad \$3.60 \\
 \hline
 40 \text{ oz} \quad \$3.60
 \end{array}$$

Oct 26-11:27 AM

Pre-Algebra

To do now:

- ✓ **Complete Warm Up**
- ✓ **Homework on your desk.**
 Chapter Quiz, Page 286 #1-9, & 14
 Skills Review: Page 285 #35-40

Agenda:

- ✓ **Proportions of Barbie and He-Man!**

Homework:

Warm Up:

If a 12 oz. soda costs \$1.08, how much would a 40 oz. soda cost at the same rate?

$$\frac{\$1.08}{12 \text{ oz}} = \frac{\quad}{1 \text{ oz}}$$

$$12 \overline{) 1.08} \begin{array}{l} .09 \\ \underline{.09} \\ 0 \end{array}$$

$$0.09(40) = \$3.60 \text{ for } 40 \text{ oz}$$

Oct 26-11:27 AM

He-Man (3" HT) BARBIE

$(72") \overline{6'}$ REAL $\overline{6''}$ REAL

3" DOLL 1" DOLL

$(24") \overline{2'}$ REAL

1" DOLL

NECK WAIST FOOT (LENGTH)

CHEST THIGH

 BICEP

Jan 28-10:14 AM

SIX DIVIDED BY X $\frac{6}{x}$

\$6 FOR 8 OZ

$\frac{\$6}{8 \text{ OZ}}$

Jan 28-7:58 AM

$$\frac{\$ 1.08}{12 \text{ oz}} \rightarrow 12 \overline{) 1.08}$$

$$\frac{\$.09 \text{ PER oz}}{\underline{\hspace{10em}}}$$

$$\begin{array}{r} 0.09 \\ * 40 \\ \hline \$3.60 \text{ FOR } 40 \text{ oz.} \end{array}$$

Jan 28-7:45 AM

<u>HE-MAN</u>	<u>BARBIE</u>
3" DOLL (TALL)	$\frac{6" \text{ REAL}}{1" \text{ DOLL}}$
6' REAL (TALL)	
$\frac{72" \text{ REAL}}{3" \text{ DOLL}} = \frac{24" \text{ REAL}}{1" \text{ DOLL}}$	$3 \overline{) 72}$

Jan 28-7:59 AM

<u>HE-MAIN</u>	<u>BARBIE</u>
NECK	NECK
CHEST	CHEST
WAIST	WAIST
THIGH	THIGH
BICEP	BICEP
FOOT	FOOT

Jan 28-8:11 AM

Introduction to Algebra

<p><u>To do now:</u></p> <ul style="list-style-type: none">✓ Complete Warm Up✓ Have homework on your desk <p><small>Page 800 #40-47 & 4 x 4 Puzzle</small></p>	<p><u>Warm Up:</u></p> <p>Write $y = \frac{1}{2}x - 4$ in Standard Form.</p>
<p><u>Agenda:</u></p> <ul style="list-style-type: none">✓ Links activity	<p><u>Homework:</u></p>

Oct 26-11:27 AM

Advanced Algebra

To do now:

- ✓ **Complete Warm Up**

Warm Up:

Solve for x:

$$-3|x - 5| + 4 = -5$$

$$\begin{array}{l}
 -3|x - 5| = -9 \\
 |x - 5| = 3 \\
 x - 5 = -3 \quad \text{or} \quad x - 5 = 3 \\
 x = 2 \quad \quad \quad x = 8 \\
 \{2, 8\}
 \end{array}$$

Agenda:

- ✓ **Factoring**

Homework:

Page 209 #2-42 evens

Page 212 #2-42 evens

Oct 26-11:27 AM

Factor: If unable to factor, write "prime"

$$a^2 + 10a + 30$$

$$k^2 - 21k + 54$$

$$3a^2 - 33a + 60$$

$$20 - 12c + c^2$$

$$y^3 - y^2 - 72y$$

$$t^2 + 16t - 30$$

$$x^4 + x^3 - 6x$$

$$c^4 - 12c^2 + 27$$

$$x^3 + x^2 - 6x$$

Jan 25-7:40 AM

$a^2 + 10a + 30$

$(A +) (A +)$

PRIME

1	30
2	15
3	10
5	6

10
2 · 5

Jan 28-9:54 AM

$k^2 - 21k + 54$

$(k - 3)(k - 18)$

2 · 5
5 · 2

$k^2 - 15k - 54$

$(k + 3)(k - 18)$

$(k - 18)(k + 3)$

2	27
3	18
6	9

Jan 28-12:29 PM

$3a^2 - 33a + 60$

$3(a^2 - 11a + 20)$

10 — PRIME

(2) (5)

∪

13

$x^2 + 2x + 3$

Jan 28-12:30 PM

$x^3 + x^2 - 6x$

$x(x^2 + 1x - 6)$

$x(x - 2)(x + 3)$

6

1 6

2 3

↑

$x^2 - 1x - 6$

$(x + 2)(x - 3)$

$\frac{6}{16}$

(23)

Jan 28-12:51 PM