Grab GCF Quiz and Bubble Sheet

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- Calculator Check
- GCF Quiz
- Calendar Math
- Homework Questions 1.2 GCF
- 1.3 Factoring Trinomial
- Homework 1.3 Factoring Trinomial Worksheet

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## Homework Questions...

$$
\begin{aligned}
& 46 \quad 5 v^{3}+15 v^{2} \\
& G C F: 5 v^{2} \quad 5 v^{3}=5 \cdot 5 \cdot v v \\
& 5 v^{2}(v+3)
\end{aligned}
$$

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$$
\begin{array}{ll}
\# 3 V^{2}-V & V^{2}: V V_{V} \\
G(F: V & -V:-v \\
V(V-1) &
\end{array}
$$



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$\square$
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$$
\begin{array}{ll}
9 x^{2}+16 x^{2}+3 x & 9 x^{3} \cdot 330 x y \\
x\left(9 x^{2}+16 x+3\right) & 16 x^{2} 40 x \\
3 x^{2} \cdot 4 x
\end{array}
$$

## Factor Diagram

$3 \cdot 4=12$
Factors Product
3 and 4 are factors of 12



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$$
\begin{aligned}
& \text { ext) } x^{2}+9 x+20 \quad a x^{2}+b x+c \\
& a: 1 \quad b: 9 \quad c: 20 \\
& (x+5)(x+4)
\end{aligned}
$$

$$
\begin{aligned}
& x^{2}+5 x+4 x+20 \\
& \frac{x^{2}+9 x}{5(x+4)]} 5
\end{aligned}
$$

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$$
\text { 3) } 4 k^{2}+4 k-24
$$

CF: 4 4 $\left(k^{2}+k-6\right)$


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## Examples

$$
\begin{aligned}
& \text { The only factors of a trinomial } \\
& \text { are } 1 \text { and itself. } \\
& x^{2}-x+7 \\
& (x-7)(x-1) \\
& -8 x
\end{aligned}
$$



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