

<p>1. Factor : $7x - 7y$</p>	<p>What is the greatest common factor of $24c^2d$, $18c^2d^2$, and $12cd^2$?</p> <p>6. (1) $72c^2d^2$ (3) $6cd$ (2) $6c^2d$ (4) $2c^2d$</p>	<p>1. _____</p>
<p>2. Factor : $x^2 - x$</p>	<p>7. Factor : $p^2q - 8p$</p>	<p>2. _____</p>
<p>3. Factor : $3a - 12$</p>	<p>8. Factor : $3y^3 - 6y^2 + 15y$</p>	<p>3. _____</p>
<p>4. Factor : $25z^4 + 5z$</p>	<p>9. Factor : $30x^5y^5 - 20x^3y^6 + 10x^3y^4$</p>	<p>4. _____</p>
<p>5. Factor : $12x^2y - 8xy^3$</p>	<p>10. Factor : $x^3y + 4xy^2$</p>	<p>5. _____</p> <p>6. _____</p> <p>7. _____</p> <p>8. _____</p> <p>9. _____</p> <p>10. _____</p>

11. Factor : $5a^2bc - 5ab^2c - 5abc$	16. Multiply : $(x - 4)(2x + 3)$
12. Factor : $x^2 - 10x + 16$	17. Multiply : $(3x - 2)(2x + 7)$
13. Simplify : $\frac{(5ab^4)^2}{5ab^4}$	18. Multiply : $(x^2 + y^2)^2$
14. Simplify : $2ab(ab - 3a^2b^3 + 5a^3)$	19. The ratio of boys to girls in a school band is 4 : 3. There are 21 girls in the band. How many members does the band have?
15. Multiply : $(g + 6)(g - 4)$	20. About 65 percent of a person's body weight is water. Find the weight of the water in the body of a 150 - pound person.

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