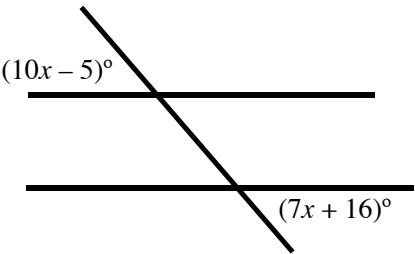


1. Simplify: $x^5 \cdot x^3$	6. Simplify: $y^{-3} \cdot y^3$
2. Simplify: $(x^5)(x^7)$	7. Simplify: $\frac{-15x^8}{5x^2}, x \neq 0$
3. Simplify: $(a^3)^5$	8. Simplify: $\frac{-20pq^6}{4pq}$
4. Simplify: m^0	9. Simplify: $-9p^0 + (9p)^0$
5. Simplify: $\frac{-18x^4y}{-2xy}$	10. Simplify: $2x^2(x - 5)$

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

<p>11. Simplify: $-5x - 3x$</p>	<p>16. A man can run 1 mile in 7 minutes. At the same rate, how many miles can the man run in 30 minutes? (Round your answer to the nearest tenth of a mile.)</p>	<p>11. _____</p> <p>12. _____</p>
<p>12. What is the product of $-6a^2b^2$ and $9a^3b^4$?</p> <p>(1) $-15a^5b^6$ (3) $-54ab^2$</p> <p>(2) $-54a^5b^6$ (4) $-54a^6b^8$</p>	<p>17. If 0.0154 is expressed in the form 1.54×10^n, n is equal to</p> <p>(1) -2 (3) 3</p> <p>(2) 2 (4) -3</p>	<p>13. _____</p> <p>14. _____</p>
<p>13. Solve for A: $\frac{12 - A}{4} \geq 2$</p>	<p>18. In a factory, 54,650 parts were made. When these were tested, 4% were found to be defective. How many parts were good?</p>	<p>15. _____</p> <p>16. _____</p>
<p>14. Find the value of x.</p> 	<p>19. Angelica bought a coat at a "20% off" sale and saved \$24. How much did she pay for the coat?</p>	<p>17. _____</p> <p>18. _____</p>
<p>Simplify $5^6 2^6$.</p> <p>15. (1) 5^0 (3) 10^6</p> <p>(2) $5^{12} 2^{12}$ (4) 10^{12}</p>	<p>20. What number decreased by 6 equals 3 times the number?</p> <p>(1) -1 (3) 3</p> <p>(2) -3 (4) $-\frac{2}{3}$</p>	<p>19. _____</p> <p>20. _____</p>