

Factor using the GCF.

1) $2a^4 + 8a$	2) $5x^3 - 10$
3) $8ab^2 - 12a^2b^3$	4) $10c^3d^2 - 15cd^3$
5) $15f - 20g^2$	6) $3y^4 + 9y^2 - 15$
7) $10d^7 + 2d^5$	8) $7w^5 - 35w^2$

Find two numbers that satisfy the sum and product given.

<p>9. Sum of -13, product of 36</p> <p>1 · 36 2 · 18 3 · 12 -4 · 9 -4 · 9</p> <p>-4 + 9 = 5 -4 + -9 = -13</p>	<p>10. Sum of 4, product of -60</p> <p>-1 · 60 -2 · 30 -3 · 20 -4 · 15 -5 · 12 -6 · 10</p> <p>-6 + 10 = 4</p>	<p>11. Sum of 0, product of -4</p>	<p>12. Sum of 11, product of 18</p>
<p>13. Sum of -11, product of 24</p>	<p>14. Sum of 13, product of 26</p>	<p>15. Sum of -9, product of -10</p>	<p>16. Sum of 10, product of 16</p>
<p>17. Sum of 1, product of -56</p>	<p>18. Sum of -1, product of -42</p>	<p>19. Sum of -11, product of 28</p>	<p>20. Sum of -1, product of -30</p>
<p>21. Sum of -5, product of 6</p>	<p>22. Sum of -3, product of -54</p>	<p>23. Sum of 13, product of 40</p>	<p>24. Sum of 14, product of 45</p>
<p>25. Sum of 7, product of 10</p>	<p>26. Sum of -13, product of 42</p>	<p>27. Sum of 2, product of -24</p>	<p>28. Sum of -10, product of 21</p>