

Unit 2 Lesson 2 #1-18
 Unit 2 Lesson 3 #19-36 (optional)
 What Do You Call a Bar of Soap That Doesn't Clean?

Simplify the expression, then cross out the letter pair next to the answer. For each letter pair that you DON'T cross out, write the upper case letter in the box containing the lower case letter.

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| <p>1 $x^2 \cdot x^5$</p> <p>2 $7x^3 \cdot x$</p> <p>3 $4x^4 \cdot 3x$</p> <p>4 $x \cdot x^3 \cdot x^9$</p> <p>5 $(-5x^7)(-6x^2)$</p> <p>6 $x(-x^5)(-x^5)$</p> | <p>f • P $12x^5$</p> <p>d • H x^{11}</p> <p>e • J x^7</p> <p>o • U $30x^4$</p> <p>b • O x^{13}</p> <p>g • T $7x^4$</p> <p>l • W $30x^9$</p> <p>h • A x^9</p> | <p>7 $(ab^3)(a^3b)$</p> <p>8 $(2ab)(3ab^5)$</p> <p>9 $(-4ab^2)(9a^5b)$</p> <p>10 $ab(-8a^3b^2)$</p> <p>11 $(-2a^4b)(-7ab^6)$</p> <p>12 $-3a(12a^2b^7)$</p> | <p>b • S $14a^5b^7$</p> <p>l • B $6a^3b^5$</p> <p>n • N $-36a^3b^7$</p> <p>p • X $6a^2b^6$</p> <p>j • G $-8a^4b^3$</p> <p>k • C a^4b^4</p> <p>e • U $14a^4b^9$</p> <p>f • V $-36a^6b^3$</p> |
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| <p>13 $(5m^3)(-m^8t^2)$</p> <p>14 $(-4m^4t)(15t^5)$</p> <p>15 $(11m^4t^9)(7mt)$</p> <p>16 $(3m^2)(m^3t^3)(2mt^2)$</p> <p>17 $(-8mt^4)(-2t)(m^4t^3)$</p> <p>18 $3t^5(-mt)(20m^7)$</p> | <p>n • L $16m^5t^8$</p> <p>k • I $-5m^{11}t^2$</p> <p>j • D $6m^5t^{10}$</p> <p>g • T $77m^5t^{10}$</p> <p>i • M $-60m^8t^6$</p> <p>f • N $6m^6t^5$</p> <p>b • A $16m^6t^3$</p> <p>d • S $-60m^4t^6$</p> | <p>19 $(n^2)^3$</p> <p>20 $(-n^5)^2$</p> <p>21 $(5n^8)^2$</p> <p>22 $(-2n^4)^3$</p> <p>23 $(10n)^3$</p> <p>24 $(-3n^9)^4$</p> | <p>f • B $81n^{18}$</p> <p>p • T $-8n^{12}$</p> <p>c • N $25n^{16}$</p> <p>d • L $81n^{36}$</p> <p>m • I n^6</p> <p>n • D $-8n^{16}$</p> <p>g • F n^{10}</p> <p>k • E $1000n^3$</p> |
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| <p>25 $(3x^2y^3)^2$</p> <p>26 $(5x^4y^3)^3$</p> <p>27 $(-7x^5y^2)^2$</p> <p>28 $(-4xy^8)^3$</p> <p>29 $(-2x^2y^3)^5$</p> <p>30 $(3x^7y^2)^4$</p> | <p>k • U $81x^{20}y^6$</p> <p>a • S $9x^4y^6$</p> <p>g • L $-32x^{10}y^{15}$</p> <p>d • R $49x^{12}y^4$</p> <p>q • E $125x^{12}y^3$</p> <p>i • N $-64x^3y^{24}$</p> <p>c • T $81x^{28}y^8$</p> <p>p • G $49x^{10}y^4$</p> | <p>31 $2kd(5k^2d)^2$</p> <p>32 $-d(9kd^5)^2$</p> <p>33 $(kd)^2(kd^2)$</p> <p>34 $(2k)^4(-k^2)(-d)^2$</p> <p>35 $(kd^8)(kd)^8(k^8d)$</p> <p>36 $(-k^2d)^3(-k^2d^3)$</p> | <p>i • R $-81k^2d^{11}$</p> <p>q • T k^8d^6</p> <p>c • S k^3d^4</p> <p>g • B $-81kd^7$</p> <p>m • I $k^{17}d^{17}$</p> <p>a • H $50k^5d^3$</p> <p>p • D $k^{15}d^{12}$</p> <p>o • A $-16k^6d^2$</p> |
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