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OpenStax – Elementary Algebra

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| **Worksheet** |  | **Reference** |
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| [Chapter 1 - Signed Numbers](https://1drv.ms/w/s!AgzenWuOA0glgQIinf8dhVw_hmFw?e=0bjuO5) |  | <https://cnx.org/contents/CImQfPDv@8.46:lBmVYBst@24/1-3-Add-and-Subtract-Integers>  <https://cnx.org/contents/CImQfPDv@8.46:DgkT5Ky_@20/1-4-Multiply-and-Divide-Integers> |
| [Chapter 2 - Linear Equations](https://1drv.ms/w/s!AgzenWuOA0glgQOKYaiF947haXYn?e=IClgBh) |  | <https://cnx.org/contents/CImQfPDv@8.46:OWpkn8_G@19/2-1-Solve-Equations-Using-the-Subtraction-and-Addition-Properties-of-Equality>  <https://cnx.org/contents/CImQfPDv@8.46:9ujtiwpG@19/2-2-Solve-Equations-using-the-Division-and-Multiplication-Properties-of-Equality>  <https://cnx.org/contents/CImQfPDv@8.46:m5CRojGE@15/2-3-Solve-Equations-with-Variables-and-Constants-on-Both-Sides>  <https://cnx.org/contents/CImQfPDv@8.46:j3_a_Fht@17/2-5-Solve-Equations-with-Fractions-or-Decimals> |
| [Chapter 3 - Exponents and Radicals](https://1drv.ms/w/s!AgzenWuOA0glgQQAY4fd-DP8FT9A?e=HyyWNV) |  | <https://cnx.org/contents/mwjClAV_@18.2:Blwxgq2s@13/1-2-Exponents-and-Scientific-Notation>  <https://cnx.org/contents/mwjClAV_@18.2:GDS8ZHCU@18/1-3-Radicals-and-Rational-Exponents> |
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| [Chapter 4 - Adding and Subtracting Polynomials](https://1drv.ms/w/s!AgzenWuOA0glgQifbmh4KyyH_QBY?e=unkfud) |  | <https://cnx.org/contents/CImQfPDv@8.46:SadrhUaw@20/6-1-Add-and-Subtract-Polynomials> |
| [Chapter 4 - Multiplying Monomials](https://1drv.ms/w/s!AgzenWuOA0glgQq9bV6jJ2M2ucMt?e=UC8hS2) |  | <https://cnx.org/contents/CImQfPDv@8.46:Xpq84tfL@18/6-2-Use-Multiplication-Properties-of-Exponents> |
| [Chapter 4 - Multiplying Polynomials](https://1drv.ms/w/s!AgzenWuOA0glgQsxbev19XBAaEzS?e=Gvmm0U) |  | <https://cnx.org/contents/CImQfPDv@8.46:UeFfacK9@18/6-3-Multiply-Polynomials> |
| [Chapter 4 - Divide Polynomial by a Monomial](https://1drv.ms/w/s!AgzenWuOA0glgQ28msHyfokLf1gL?e=MeQK4E) |  | <https://cnx.org/contents/CImQfPDv@8.46:5K97v8bM@17/6-5-Divide-Monomials> |
| [Chapter 5 - Factor Greatest Common Factor](https://1drv.ms/w/s!AgzenWuOA0glgQ-U1CAffLG9GQdB?e=jdHuS0) |  | <https://cnx.org/contents/CImQfPDv@8.46:Dgyhg24R@17/7-1-Greatest-Common-Factor-and-Factor-by-Grouping> |
| [Chapter 5 - Factor Special Products](https://1drv.ms/w/s!AgzenWuOA0glgRHb_pR4gjPZMrpd?e=WtzDSD) |  | <https://cnx.org/contents/CImQfPDv@8.46:p-75hORO@23/7-4-Factor-Special-Products> |
| [Chapter 5 - Factor Quadratic Trinomials](https://1drv.ms/w/s!AgzenWuOA0glgRB8qL5lJcZ25I7E?e=sb7GIn) |  | <https://cnx.org/contents/CImQfPDv@8.46:KekUrtBj@20/7-2-Factor-Quadratic-Trinomials-with-Leading-Coefficient-1>  <https://cnx.org/contents/CImQfPDv@8.46:DHh18HNo@24/7-6-Quadratic-Equations> |
| [Chapter 6 - Graphs of Lines](https://1drv.ms/w/s!AgzenWuOA0glgRPP0lkRjhllh4ii?e=Dxcfda) |  | <https://cnx.org/contents/CImQfPDv@8.46:S6EErGb5@19/4-1-Use-the-Rectangular-Coordinate-System> |
| [Chapter 7 - System of Equations](https://1drv.ms/w/s!AgzenWuOA0glgRS6PSbAsJFDkY3i?e=WMdb54) |  | <https://cnx.org/contents/CImQfPDv@8.46:jLGlZ6m5@18/5-2-Solve-Systems-of-Equations-by-Substitution>  <https://cnx.org/contents/CImQfPDv@8.46:V1Ef26Jq@19/5-3-Solve-Systems-of-Equations-by-Elimination> |

OpenStax – PreAlgebra

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| **Worksheet** |  | **Reference** |
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| [Chapter 1 - Whole Number Operations](https://1drv.ms/w/s!AgzenWuOA0glgRbuUbYjl9opAbj0?e=2HWpeb) |  | <https://cnx.org/contents/yqV9q0HH@20.3:gUzCHLwU@17/1-1-Introduction-to-Whole-Numbers> |
| [Chapter 2 - Integers](https://1drv.ms/w/s!AgzenWuOA0glgReou04-FH_AaauD?e=2kw5Qc) |  | <https://openstax.org/details/books/prealgebra> |
| [Chapter 2 - Exponents and Order of Operations](https://1drv.ms/w/s!AgzenWuOA0glgRjpbgBPgN-PK7Qx?e=TRv9va) |  | <https://cnx.org/contents/yqV9q0HH@20.3:534pfj8-@22/2-1-Use-the-Language-of-Algebra> |
| [Chapter 2 - Prime Factorization, LCM, GCF](https://1drv.ms/w/s!AgzenWuOA0glgRm1yAf0zyuOp0zT?e=t86qLr) |  | <https://cnx.org/contents/yqV9q0HH@20.3:BQ4z5Is4@26/2-5-Prime-Factorization-and-the-Least-Common-Multiple> |
| [Chapter 3 - Fractions - Introduction](https://1drv.ms/w/s!AgzenWuOA0glgRqE06Csf-MvJG6D?e=sqJj8a) |  | <https://cnx.org/contents/yqV9q0HH@20.3:_oNnfiWA@23/4-1-Visualize-Fractions> |
| [Chapter 3 - Fractions - Multiplication and Division](https://1drv.ms/w/s!AgzenWuOA0glgRtR73BoZVg_YPUb?e=8W7Lop) |  | <https://cnx.org/contents/yqV9q0HH@20.3:s7ku6WX5@27/4-2-Multiply-and-Divide-Fractions> |
| [Chapter 3 - Fractions - Addition and Subtraction](https://1drv.ms/w/s!AgzenWuOA0glgRyfGePOVJ5E0MhE?e=AEkPNj) |  | <https://cnx.org/contents/yqV9q0HH@20.3:6jhr4kLA@21/4-5-Add-and-Subtract-Fractions-with-Different-Denominators> |
| [Chapter 4 - Decimal Numbers](https://1drv.ms/w/s!AgzenWuOA0glgR0N80ncWR-ISfrH?e=sB1Piu) |  | <https://cnx.org/contents/yqV9q0HH@20.3:0L7hpyVK@21/5-2-Decimal-Operations> |
| [Chapter 5 - Percentages](https://1drv.ms/w/s!AgzenWuOA0glgR7KVVDyswN8UXUs?e=f0Blgi) |  | <https://cnx.org/contents/yqV9q0HH@20.3:f1xOZGvS@23/6-2-Solve-General-Applications-of-Percent> |

COLLEGE ALGEBRA REVIEW

Review Topics for M10 and M14 – workshops:

<https://onedrive.live.com/edit.aspx?cid=2548038e6b9dde0c&page=view&resid=2548038E6B9DDE0C!120&parId=2548038E6B9DDE0C!111&app=Word>

Day 1 - Polynomials

<https://onedrive.live.com/edit.aspx?cid=2548038e6b9dde0c&page=view&resid=2548038E6B9DDE0C!114&parId=2548038E6B9DDE0C!111&app=Word>

Day 1 Answer Key

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Day 2 – Rational Expressions

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Day 2 Answer Key

<https://onedrive.live.com/edit.aspx?cid=2548038e6b9dde0c&page=view&resid=2548038E6B9DDE0C!113&parId=2548038E6B9DDE0C!111&app=Word>

Day 3 – Radicals and Linear Equations

<https://onedrive.live.com/edit.aspx?cid=2548038e6b9dde0c&page=view&resid=2548038E6B9DDE0C!117&parId=2548038E6B9DDE0C!111&app=Word>

Day 3 Answer Key

<https://onedrive.live.com/edit.aspx?cid=2548038e6b9dde0c&page=view&resid=2548038E6B9DDE0C!116&parId=2548038E6B9DDE0C!111&app=Word>

Day 4 – Graphing

<https://onedrive.live.com/edit.aspx?cid=2548038e6b9dde0c&page=view&resid=2548038E6B9DDE0C!119&parId=2548038E6B9DDE0C!111&app=Word>

Day 4 Answer Key

<https://onedrive.live.com/edit.aspx?cid=2548038e6b9dde0c&page=view&resid=2548038E6B9DDE0C!118&parId=2548038E6B9DDE0C!111&app=Word>

Pythagorean Theorem

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Pythagorean Theorem Asnswer Key

<https://onedrive.live.com/edit.aspx?cid=2548038e6b9dde0c&page=view&resid=2548038E6B9DDE0C!121&parId=2548038E6B9DDE0C!111&app=Word>