

Block - Algebra 1 Digital Resources

Unit 1 Pretest Skills Assessment

Skill 1: Real Numbers

Skill 2: Addition and Subtraction of Real Numbers

Skill 3: Multiplication of Real Numbers

Skill 4: Division of Real Numbers

Skill 5: Estimation with Rounding

Skill 6: Prime and Composite Numbers and Prime Factorization

Skill 7: Powers, Exponents, and Roots

Skill 8: Coordinate Planes

Skill 9: Equivalent Fractions

Skill 10: Least Common Multiples and Least Common Multiples

Skill 11: Writing Fractions in Simplest Terms

Skill 12: Greatest Common Factors

Skill 13: Addition and Subtraction of Fractions

Skill 14: Multiplication of Fractions

Unit 2 Introduction and Basics to Algebra

Lesson 1: https://www.youtube.com/watch?v=_LDR1_Prveo

https://www.youtube.com/watch?v=f97mGPgBL_Q

<https://www.youtube.com/watch?v=fGUE9qDr9xs>

<https://www.youtube.com/watch?v=FME9avU3u2Y>

Lesson 2: <https://www.youtube.com/watch?v=VbLEmTkD5VI>

<https://www.youtube.com/watch?v=fZDWcU0i0o4>

<https://www.youtube.com/watch?v=BCFc-Ad6-fE>

Lesson 3: <https://www.youtube.com/watch?v=KL5mZ1gArQE>

https://www.youtube.com/watch?v=_hM-yjpBWPI

https://www.youtube.com/watch?v=_A8ILbZCrlw

Lesson 4: <https://www.youtube.com/watch?v=dbihQ6tiRJ0>

https://www.youtube.com/watch?v=4Caxyh0zt_o

https://www.youtube.com/watch?v=hV1_wvvdJCE

Lesson 5: <https://www.youtube.com/watch?v=wArrEhGbmQ0>

https://www.youtube.com/watch?v=Qyd_v3DGzTM

<https://www.youtube.com/watch?v=Z-ZkmpQBIFo>

Lesson 6: <https://www.youtube.com/watch?v=Xl6s8QUROk4>

<https://www.youtube.com/watch?v=2U68MEIO3ko>

<https://www.youtube.com/watch?v=0rWpAdeMZxc>

Unit 3 Equations and Inequalities

Lesson 1: <https://www.youtube.com/watch?v=63lkBH4kXzE>

<https://www.youtube.com/watch?v=Ra7qtiXNexE>

<https://www.youtube.com/watch?v=vwqprHMCles>

Lesson 2: <https://www.youtube.com/watch?v=fDMxOiS5g7k>

<https://www.youtube.com/watch?v=f15zA0PhSek>

<https://www.youtube.com/watch?v=oLQmsajh-eQ>

Lesson 3: <https://www.youtube.com/watch?v=irmRokbkCe8>

https://www.youtube.com/watch?v=QlbJR_TD9Vk

<https://www.youtube.com/watch?v=3yQ5soMnYJE>

Lesson 4: <https://www.youtube.com/watch?v=gqSfw2gmMsg>

<https://www.youtube.com/watch?v=UbYnNAyShVM>

<https://www.youtube.com/watch?v=4zDyZW9dzdM>

Lesson 5: https://www.youtube.com/watch?v=VgDe_D8ojxw

<https://www.youtube.com/watch?v=DrZJKdXIZ3I>

<https://www.youtube.com/watch?v=ONuIlvgkE3c>

Lesson 6: <https://www.youtube.com/watch?v=xOxvyeSI0uA>

<https://www.youtube.com/watch?v=A3xPhzs-KBI>

<https://www.youtube.com/watch?v=mQYfY7PsNtM>

<https://www.youtube.com/watch?v=ZGCXaiS7beU>

Unit 4 Linear Functions and Slope

Lesson 1: <https://www.youtube.com/watch?v=IGfsp2CWjok>

<https://www.youtube.com/watch?v=52tpYI2tTqk&t=105s>

<https://www.youtube.com/watch?v=kvGslo1TmsM>

Lesson 2: https://www.youtube.com/watch?v=WW_InNRM-d0

<https://www.youtube.com/watch?v=AZroE4fJqtQ>

<https://www.youtube.com/watch?v=d3Y2szBoqsM>

Lesson 3: https://www.youtube.com/watch?v=_cooC3yG_p0

<https://www.youtube.com/watch?v=qvuOry4zGck>

<https://www.youtube.com/watch?v=35REVpwbWT8>

Lesson 4: <https://www.youtube.com/watch?v=92U67CUy9Gc>

https://www.youtube.com/watch?v=XvOE9_H6_OU

https://www.youtube.com/watch?v=is07Wg_0DiY

Lesson 5: <https://www.youtube.com/watch?v=ADLoWlxKsyQ>

<https://www.youtube.com/watch?v=MeU-KzdCBps>

<https://www.youtube.com/watch?v=Cddn2OlcflA>

Lesson 6: <https://www.youtube.com/watch?v=vdcGpuAywi4>

<https://www.youtube.com/watch?v=dcy8B9OFzes>

<https://www.youtube.com/watch?v=pN8SgvZkViQ>

Unit 5 Writing and Graphing Linear Equations

Lesson 1: <https://www.youtube.com/watch?v=Wgpq0zO6z3o>

https://www.youtube.com/watch?v=AOfv_wEvCHA

<https://www.youtube.com/watch?v=9zOpA-xMci4>

Lesson 2: <https://www.youtube.com/watch?v=Cddn2OlcflA>

<https://www.youtube.com/watch?v=IL3UCuXrUzE>

<https://www.youtube.com/watch?v=qXX47hS2KLw>

Lesson 3: <https://www.youtube.com/watch?v=78-f08MKCEw>

https://www.youtube.com/watch?v=K_OI9LA54AA

<https://www.youtube.com/watch?v=0bqr9Fo3Qi8>

Lesson 4: <https://www.youtube.com/watch?v=2mAxmTO4HSE>

<https://www.youtube.com/watch?v=9hryH94KFJA>

<https://www.youtube.com/watch?v=oZgUppcBn-A>

Lesson 5: <https://www.youtube.com/watch?v=dJMjAGeWqMo>

<https://www.youtube.com/watch?v=B4NJFnTxiQY>

<https://www.youtube.com/watch?v=gv4TyT3agfY>

Lesson 6: <https://www.youtube.com/watch?v=6zZn4N994vw>

<https://www.youtube.com/watch?v=QY2dILZhp0A>

<https://www.youtube.com/watch?v=A0RNTAUmQUg>

Lesson 7: <https://www.youtube.com/watch?v=COx8UOI9WDY>

<https://www.youtube.com/watch?v=zrLWUEg3HKQ>

<https://www.youtube.com/watch?v=trhECFvv-Mo>

Unit 6 Systems of Equations and Inequalities

Lesson 1: <https://www.youtube.com/watch?v=Pd4hwS8qHms>

<https://www.youtube.com/watch?v=WNkPKv0OTGI>

<https://www.youtube.com/watch?v=bSgOfI3fOCw>

Lesson 2: Material is found in the lesson.

Lesson 3: <https://www.youtube.com/watch?v=YriMMWbndn0>

<https://www.youtube.com/watch?v=-mZZ6iPwQpE>

<https://www.youtube.com/watch?v=xzuouSZ69XU>

Lesson 4: <https://www.youtube.com/watch?v=NWyn55yPK-s>

<https://www.youtube.com/watch?v=nl00vEcZuik>

<https://www.youtube.com/watch?v=2j5lc2V7wq4>

Lesson 5: <https://www.youtube.com/watch?v=ldrddYp2jJs>

Lesson 6: <https://www.youtube.com/watch?v=7JuPEnK4vKQ>

<https://www.youtube.com/watch?v=Wv6WeiNZID8>

<https://www.youtube.com/watch?v=7slnE5tGJX4>

Lesson 7: <https://www.youtube.com/watch?v=5xQqwgS3O4U>

<https://www.youtube.com/watch?v=ZsmAF10e9Vo>

<https://www.youtube.com/watch?v=5r7-7TLkJNk>

Unit 7 Exponents and Exponential Functions

Lesson 1: <https://www.youtube.com/watch?v=NffgRIPUli8>

<https://www.youtube.com/watch?v=O6cgOec7z58>

<https://www.youtube.com/watch?v=HvPuY16ySvE>

Lesson 2: <https://www.youtube.com/watch?v=M8OIBKmued4>

<https://www.youtube.com/watch?v=WJSS5YMQ5hs>

<https://www.youtube.com/watch?v=mEKVWCBYDXU>

Lesson 3: https://www.youtube.com/watch?v=V5H_RT3OmCY

<https://www.youtube.com/watch?v=a9j299SV1oY>

<https://www.youtube.com/watch?v=1LksXhHqK3w>

Lesson 4: <https://www.youtube.com/watch?v=dLLaPvND6rQ>

<https://www.youtube.com/watch?v=KBP5EKcG1s4>

<https://www.youtube.com/watch?v=hdFiBtrWSl8>

Lesson 5: <https://www.youtube.com/watch?v=nqpn0SQB5ds>

<https://www.youtube.com/watch?v=kbwbe4KhvfE>

https://www.youtube.com/watch?v=Gr4v3l_XBgk

Lesson 6: <https://www.youtube.com/watch?v=QJsKTTkljFk>
<https://www.youtube.com/watch?v=CRKIXB5g1gE>
<https://www.youtube.com/watch?v=45l6wbdC2H0>

Lesson 7: Material is found in the lesson.

Lesson 8: <https://www.youtube.com/watch?v=zRKZ0-kOUZM>
<https://www.youtube.com/watch?v=IYfoufW9RR0>
<https://www.youtube.com/watch?v=t4ovNd94tgM>

Unit 8 Polynomials and Factoring

Lesson 1: <https://www.youtube.com/watch?v=ZGI2ExHwdak>
<https://www.youtube.com/watch?v=PyOcjrXdcw>
<https://www.youtube.com/watch?v=0aJBtUOXpsk>

Lesson 2: https://www.youtube.com/watch?v=jpD_BugTR6I
<https://www.youtube.com/watch?v=suL8QvuePik>
<https://www.youtube.com/watch?v=QIAJAUg2-M>

Lesson 3: <https://www.youtube.com/watch?v=bFtjG45-Udk>
<https://www.youtube.com/watch?v=s9hjLbNnTVA>
<https://www.youtube.com/watch?v=-Lf56yORoYU>

Lesson 4: https://www.youtube.com/watch?v=_FSXJmESFmQ
https://www.youtube.com/watch?v=_FSXJmESFmQ
https://www.youtube.com/watch?v=RPXMBIFG_W4

Lesson 5: <https://www.youtube.com/watch?v=KUMhpKGwpCY>
<https://www.youtube.com/watch?v=U6FndtdgpcA>

<https://www.youtube.com/watch?v=TpmnQ2GvNAo>

Lesson 6: <https://www.youtube.com/watch?v=UI6x99bTSGA>

<https://www.youtube.com/watch?v=xJrdNSXQPRU>

https://www.youtube.com/watch?v=apaHh_7CJc8

Lesson 7: Refer to previous lesson.

Lesson 8: <https://www.youtube.com/watch?v=wmnd4fwxSus>

https://www.youtube.com/watch?v=BI_jmI4xRus

https://www.youtube.com/watch?v=Im0XAvNla_Y

Unit 9 Graphing Quadratic Functions

Lesson 1: <https://www.youtube.com/watch?v=o-g5GuBgNVA>

<https://www.youtube.com/watch?v=ODkOl13ODg>

<https://www.youtube.com/watch?v=DV1WXWFn4Bg>

Lesson 2: <https://www.youtube.com/watch?v=MDppAkE7UOs>

https://www.youtube.com/watch?v=PP_-xKIM1i0

<https://www.youtube.com/watch?v=Cv7PBHFNdk8>

Lesson 3: <https://www.youtube.com/watch?v=hvyH-WJtMpc>

<https://www.youtube.com/watch?v=oZjRh6AmNx4>

<https://www.youtube.com/watch?v=U0C4UWZi4qw>

Lesson 4: https://www.youtube.com/watch?v=OHH7fX_M8Ns

<https://www.youtube.com/watch?v=MotnQedG7Q0>

<https://www.youtube.com/watch?v=srATPsoqA2A>

Lesson 5: <https://www.youtube.com/watch?v=reRSfNfmcsk>

<https://www.youtube.com/watch?v=saXEJW1Y1Oo>

<https://www.youtube.com/watch?v=8Pk2VN6wzqU>

Lesson 6: <https://www.youtube.com/watch?v=jtqeXbei5ws>

Unit 10 Solving Quadratic Equations

Lesson 1: <https://www.youtube.com/watch?v=tRTFIGESVe0>

<https://www.youtube.com/watch?v=Hv9xkRgwid4>

<https://www.youtube.com/watch?v=cvh9HyCeQIA>

Lesson 2: <https://www.youtube.com/watch?v=0gicD4STzpg>

<https://www.youtube.com/watch?v=pFFoAGIEyJc>

<https://www.youtube.com/watch?v=97svwzwRb3c>

Lesson 3: <https://www.youtube.com/watch?v=55G8037gsKY>

<https://www.youtube.com/watch?v=OO4j6ESyOiY>

<https://www.youtube.com/watch?v=clC-aoijpcg>

Lesson 4: <https://www.youtube.com/watch?v=WvH1Z-SuhhQ>

<https://www.youtube.com/watch?v=bNQY0z76M5A>

<https://www.youtube.com/watch?v=2MKigAgPZMQ>

Lesson 5: <https://www.youtube.com/watch?v=IINAJI36-10&t=59s>

<https://www.youtube.com/watch?v=3ayhvAI3leY>

<https://www.youtube.com/watch?v=sthnDdr6kIY>