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| **1.**  Simplify: https://angel.spcollege.edu/AngelUploads/QuestionData/0c29ae8b-cbaf-440b-8099-fbb42c99f481453457763E433D55T4N2.gif  A) https://angel.spcollege.edu/AngelUploads/QuestionData/0c29ae8b-cbaf-440b-8099-fbb42c99f481364425B455326425364X.gif B) https://angel.spcollege.edu/AngelUploads/QuestionData/0c29ae8b-cbaf-440b-8099-fbb42c99f4814154L63265E362130J61.gif C) https://angel.spcollege.edu/AngelUploads/QuestionData/0c29ae8b-cbaf-440b-8099-fbb42c99f48155753666655844431167.gif D) https://angel.spcollege.edu/AngelUploads/QuestionData/0c29ae8b-cbaf-440b-8099-fbb42c99f481J6W20612126G55325126.gif  **2.**  Find the x-intercept: https://angel.spcollege.edu/AngelUploads/QuestionData/daf845a6-f770-4c16-b4eb-ac0ff705bec833424535504366326362.gif  A) https://angel.spcollege.edu/AngelUploads/QuestionData/daf845a6-f770-4c16-b4eb-ac0ff705bec8531G3211362663323124.gif B) https://angel.spcollege.edu/AngelUploads/QuestionData/daf845a6-f770-4c16-b4eb-ac0ff705bec83251L11672R256635144.gif C) https://angel.spcollege.edu/AngelUploads/QuestionData/daf845a6-f770-4c16-b4eb-ac0ff705bec862631V8535686C363513.gif D) https://angel.spcollege.edu/AngelUploads/QuestionData/daf845a6-f770-4c16-b4eb-ac0ff705bec851541234543231R224E4.gif  **3.**  One of the factors of https://angel.spcollege.edu/AngelUploads/QuestionData/d20de188-b8ed-4afc-8d5b-1a4e99b911ee3346116434631211D3I2.gifis:  A) https://angel.spcollege.edu/AngelUploads/QuestionData/d20de188-b8ed-4afc-8d5b-1a4e99b911ee5WQ61644416522156532.gif B) https://angel.spcollege.edu/AngelUploads/QuestionData/d20de188-b8ed-4afc-8d5b-1a4e99b911ee3131366LU157444523O5.gif C) https://angel.spcollege.edu/AngelUploads/QuestionData/d20de188-b8ed-4afc-8d5b-1a4e99b911ee433236532173F156A024.gif D) https://angel.spcollege.edu/AngelUploads/QuestionData/d20de188-b8ed-4afc-8d5b-1a4e99b911ee4713W65524352W261463.gif  **4.**  Add: https://angel.spcollege.edu/AngelUploads/QuestionData/75b1e775-3c73-4b9c-9577-07e7379e62521X44414O4362026652N3.gif  A) https://angel.spcollege.edu/AngelUploads/QuestionData/75b1e775-3c73-4b9c-9577-07e7379e62522545271625157X252364.gif B) https://angel.spcollege.edu/AngelUploads/QuestionData/75b1e775-3c73-4b9c-9577-07e7379e6252663J1G5235432354G216.gif C) https://angel.spcollege.edu/AngelUploads/QuestionData/75b1e775-3c73-4b9c-9577-07e7379e6252L24121366D4146672437.gif D) https://angel.spcollege.edu/AngelUploads/QuestionData/75b1e775-3c73-4b9c-9577-07e7379e625225766243346423415306.gif  **5.**  How many feet of fencing should be purchased for a rectangular garden that is 17 ft. long and 16 ft. wide?  A) 272 ft.  B) 132 ft.  C) 66 ft.  D) 33 ft.  **6.**  Simplify: https://angel.spcollege.edu/AngelUploads/QuestionData/db27fcdf-567e-4351-8dfc-00cf1c2f8c0251513663111G4414S676.gif  A) https://angel.spcollege.edu/AngelUploads/QuestionData/db27fcdf-567e-4351-8dfc-00cf1c2f8c02383365232334485L1335.gif B) https://angel.spcollege.edu/AngelUploads/QuestionData/db27fcdf-567e-4351-8dfc-00cf1c2f8c02462D1645511262244011.gif C) https://angel.spcollege.edu/AngelUploads/QuestionData/db27fcdf-567e-4351-8dfc-00cf1c2f8c0216X65666442E56232554.gif D) https://angel.spcollege.edu/AngelUploads/QuestionData/db27fcdf-567e-4351-8dfc-00cf1c2f8c0265413316404923522265.gif  **7.**  Write 0.000097717 in scientific notation.  A) https://angel.spcollege.edu/AngelUploads/QuestionData/ada54d7f-c294-467f-a439-b784fc0db5a02242B416153V41252634.gif B) https://angel.spcollege.edu/AngelUploads/QuestionData/ada54d7f-c294-467f-a439-b784fc0db5a04S541572166231466731.gif C) https://angel.spcollege.edu/AngelUploads/QuestionData/ada54d7f-c294-467f-a439-b784fc0db5a07661I565662641523916.gif D) https://angel.spcollege.edu/AngelUploads/QuestionData/ada54d7f-c294-467f-a439-b784fc0db5a013562121E26113435227.gif  **8.**  Solve the following equation for **y**. https://angel.spcollege.edu/AngelUploads/QuestionData/0cb303dd-8176-46f7-b10f-1b762bb69aca3S66643426432Q243454.gif  A) https://angel.spcollege.edu/AngelUploads/QuestionData/0cb303dd-8176-46f7-b10f-1b762bb69aca6266356244354546I356.gif B) https://angel.spcollege.edu/AngelUploads/QuestionData/0cb303dd-8176-46f7-b10f-1b762bb69aca765466513512O5S13636.gif C) https://angel.spcollege.edu/AngelUploads/QuestionData/0cb303dd-8176-46f7-b10f-1b762bb69acaLX3622Y5964235724314.gif D) https://angel.spcollege.edu/AngelUploads/QuestionData/0cb303dd-8176-46f7-b10f-1b762bb69aca62616645161241234631.gif  **9.**  Write 130% as a fraction in simplified form.  A) https://angel.spcollege.edu/AngelUploads/QuestionData/4c4112ef-a7f9-4000-ad34-0fce0c351d5054456541564362159356.gif B) https://angel.spcollege.edu/AngelUploads/QuestionData/4c4112ef-a7f9-4000-ad34-0fce0c351d50405402696132151442F3.gif C) https://angel.spcollege.edu/AngelUploads/QuestionData/4c4112ef-a7f9-4000-ad34-0fce0c351d5056Y336464336Z1656614.gif D) https://angel.spcollege.edu/AngelUploads/QuestionData/4c4112ef-a7f9-4000-ad34-0fce0c351d502215346S455182355226.gif  **10.**  Multiply. https://angel.spcollege.edu/AngelUploads/QuestionData/22f26904-0512-4584-89b4-99584dff6e253J321113613414242616.gif  A) https://angel.spcollege.edu/AngelUploads/QuestionData/22f26904-0512-4584-89b4-99584dff6e25624162Z15511225V2166.gif B) https://angel.spcollege.edu/AngelUploads/QuestionData/22f26904-0512-4584-89b4-99584dff6e256Y132W3273351416W542.gif C) https://angel.spcollege.edu/AngelUploads/QuestionData/22f26904-0512-4584-89b4-99584dff6e2531543115W51564Z52855.gif D) https://angel.spcollege.edu/AngelUploads/QuestionData/22f26904-0512-4584-89b4-99584dff6e253116155216I1153135J1.gif  **11.**  One of the factors of https://angel.spcollege.edu/AngelUploads/QuestionData/334d01e5-32ef-4d23-9745-c35b80521dbe9643T453639346454565.gifis:  A) https://angel.spcollege.edu/AngelUploads/QuestionData/334d01e5-32ef-4d23-9745-c35b80521dbe1565235561262635X514.gif B) https://angel.spcollege.edu/AngelUploads/QuestionData/334d01e5-32ef-4d23-9745-c35b80521dbe32O40L56355862261333.gif C) https://angel.spcollege.edu/AngelUploads/QuestionData/334d01e5-32ef-4d23-9745-c35b80521dbe4615632Z2585265B4E14.gif D) https://angel.spcollege.edu/AngelUploads/QuestionData/334d01e5-32ef-4d23-9745-c35b80521dbeV421S6114162B52O3663.gif  **12.**  Solve: https://angel.spcollege.edu/AngelUploads/QuestionData/f86246ab-d6e4-4dc9-8e84-b3406a696cf815235146420454242415.gif  A) https://angel.spcollege.edu/AngelUploads/QuestionData/f86246ab-d6e4-4dc9-8e84-b3406a696cf864335W36V5P66673N56B.gif B) https://angel.spcollege.edu/AngelUploads/QuestionData/f86246ab-d6e4-4dc9-8e84-b3406a696cf8631C4423435512565126.gif C) https://angel.spcollege.edu/AngelUploads/QuestionData/f86246ab-d6e4-4dc9-8e84-b3406a696cf8151S4171215756353163.gif D) https://angel.spcollege.edu/AngelUploads/QuestionData/f86246ab-d6e4-4dc9-8e84-b3406a696cf835S12331211223221116.gif  **13.**  Solve: https://angel.spcollege.edu/AngelUploads/QuestionData/d529a201-5b30-4872-9f5b-27313d7e5f735254562124514D332282.gif  A) https://angel.spcollege.edu/AngelUploads/QuestionData/d529a201-5b30-4872-9f5b-27313d7e5f7306542142144343S51043.gif B) https://angel.spcollege.edu/AngelUploads/QuestionData/d529a201-5b30-4872-9f5b-27313d7e5f73425MJO72E3516W412561.gif C) https://angel.spcollege.edu/AngelUploads/QuestionData/d529a201-5b30-4872-9f5b-27313d7e5f7333X12H31354154114244.gif D) https://angel.spcollege.edu/AngelUploads/QuestionData/d529a201-5b30-4872-9f5b-27313d7e5f732444144C63633C442337.gif  **14.**  Simlify: https://angel.spcollege.edu/AngelUploads/QuestionData/ecff6e46-9fdd-4db0-b8bb-3bdca2c63b7111444Z56316793456431.gif  A) https://angel.spcollege.edu/AngelUploads/QuestionData/ecff6e46-9fdd-4db0-b8bb-3bdca2c63b71246524256534R3521434.gif B) https://angel.spcollege.edu/AngelUploads/QuestionData/ecff6e46-9fdd-4db0-b8bb-3bdca2c63b714664I242143125543353.gif C) https://angel.spcollege.edu/AngelUploads/QuestionData/ecff6e46-9fdd-4db0-b8bb-3bdca2c63b71323246U63451V3433656.gif D) https://angel.spcollege.edu/AngelUploads/QuestionData/ecff6e46-9fdd-4db0-b8bb-3bdca2c63b715354A452612266551254.gif  **15.**  Change 7.39 to a percent.  A) 73.9%  B) 0.0739%  C) 7.39%  D) 739%  **16.**  A life insurance policy costs $8.52 for every $1000 of insurance. At this rate, what is the cost for $20,000 worth of life insurance?  A) $170.40  B) $117.37  C) $2347.42  D) $20  **17.**  Evaluate https://angel.spcollege.edu/AngelUploads/QuestionData/59616ee4-e638-4401-a0e6-c4095be92bfc5513137152185Z353152.gifwhen https://angel.spcollege.edu/AngelUploads/QuestionData/59616ee4-e638-4401-a0e6-c4095be92bfc43365342D21114326533.gif  A) 28  B) 40  C) -52  D) -40  **18.**  Simplify: https://angel.spcollege.edu/AngelUploads/QuestionData/4836ada4-d23e-4736-a28d-5b9f1f3fbe9a5N621344LC3B4D33ELJ1.gif  A) 18  B) 258  C) 66  D) 786  **19.**  Divide. https://angel.spcollege.edu/AngelUploads/QuestionData/28f9d639-2c5b-48fe-b38e-0266a3313229135121251V3646644135.gif  A) https://angel.spcollege.edu/AngelUploads/QuestionData/28f9d639-2c5b-48fe-b38e-0266a3313229627612F3353125Y22641.gif B) https://angel.spcollege.edu/AngelUploads/QuestionData/28f9d639-2c5b-48fe-b38e-0266a3313229KM41H7D1263423645444.gif C) https://angel.spcollege.edu/AngelUploads/QuestionData/28f9d639-2c5b-48fe-b38e-0266a33132293521252445W365413I46.gif D) https://angel.spcollege.edu/AngelUploads/QuestionData/28f9d639-2c5b-48fe-b38e-0266a331322924667336232413454H73.gif  **20.**  Convert 20 yards to feet.  A) 6.7 feet  B) 180 feet  C) 240 feet  D) 60 feet  **21.**  Find the slope of the line: https://angel.spcollege.edu/AngelUploads/QuestionData/6e093bf3-48ad-41f9-826d-017eaef768f026245L4T156453X62255.jpg  A) https://angel.spcollege.edu/AngelUploads/QuestionData/6e093bf3-48ad-41f9-826d-017eaef768f037312644116243H65316.gif B) https://angel.spcollege.edu/AngelUploads/QuestionData/6e093bf3-48ad-41f9-826d-017eaef768f021A33356314552662P21.gif C) https://angel.spcollege.edu/AngelUploads/QuestionData/6e093bf3-48ad-41f9-826d-017eaef768f03444ML55414521323651.gif D) https://angel.spcollege.edu/AngelUploads/QuestionData/6e093bf3-48ad-41f9-826d-017eaef768f0E522236246562FD126T4.gif  **22.**  David borrowed $15,000. The term of the loan was for 5 years, and the annual simple interest rate was 7.4%. Find the simple **interest** due on the loan.  A) $7,500  B) $1,480  C) $222  D) $5,550  **23.**  Artificial turf is being used to cover a playing field. If the field is rectangular with a length of 100 yards and a width of 70 yards, how much artificial turf must be purchased to cover the field?  A) 3500 sq. yds.  B) 170 sq. yds.  C) 340 sq. yds.  D) 7000 sq. yds.  **24.**  Divide: https://angel.spcollege.edu/AngelUploads/QuestionData/59d06334-0b51-4912-a901-c345f23f567115534556646464L16265.gif  A) https://angel.spcollege.edu/AngelUploads/QuestionData/59d06334-0b51-4912-a901-c345f23f567121253643256232331611.gif B) https://angel.spcollege.edu/AngelUploads/QuestionData/59d06334-0b51-4912-a901-c345f23f5671666362X26ZU261516132.gif C) https://angel.spcollege.edu/AngelUploads/QuestionData/59d06334-0b51-4912-a901-c345f23f56713143213221C32625Q454.gif D) https://angel.spcollege.edu/AngelUploads/QuestionData/59d06334-0b51-4912-a901-c345f23f567136637305S51255713C14.gif  **25.**  https://angel.spcollege.edu/AngelUploads/QuestionData/56ef53d8-1ca9-40b7-a274-e7f6ad983f9aB24Y663132616252235I.gif( https://angel.spcollege.edu/AngelUploads/QuestionData/56ef53d8-1ca9-40b7-a274-e7f6ad983f9a46I22226525FH7661225.gif)  A) 66.3  B) 104.3  C) 34.4  D) 70  **26.**  Sales of frozen pizza for a club fund-raiser increased from $500 one year to $565 the next year. What was the percent of increase?  A) 11.5%  B) 13%  C) 88.5%  D) 8.7%  **27.**  Mark travels 9 miles East and then 12 miles North. How far is Mark from the starting point?  A) https://angel.spcollege.edu/AngelUploads/QuestionData/98231db9-6c85-400b-91e8-256cf50a3d43T56312533514561Q6124.gifmiles B) 11 miles  C) 15 miles  D) 21 miles  **28.**  Convert 61.1 gal to L. (Use 1 gal https://angel.spcollege.edu/AngelUploads/QuestionData/c2f7a8b9-62b7-41d6-af9c-54dfc2268f876X14431J231131356343.gif3.8 L)  A) 16.1 L  B) 64.8 L  C) 57.8 L  D) 231.3 L  **29.**  One of the factors of https://angel.spcollege.edu/AngelUploads/QuestionData/3ee5620a-b24f-48a5-8ae2-b60b26046c68367W361K615155146463.gifis:  A) https://angel.spcollege.edu/AngelUploads/QuestionData/3ee5620a-b24f-48a5-8ae2-b60b26046c681R213A1241264A637J35.gif B) https://angel.spcollege.edu/AngelUploads/QuestionData/3ee5620a-b24f-48a5-8ae2-b60b26046c68533264263P5L5T362413.gif C) https://angel.spcollege.edu/AngelUploads/QuestionData/3ee5620a-b24f-48a5-8ae2-b60b26046c683551133552523554356J.gif D) https://angel.spcollege.edu/AngelUploads/QuestionData/3ee5620a-b24f-48a5-8ae2-b60b26046c6866B66225126455136B23.gif  **30.**  One of the factors of https://angel.spcollege.edu/AngelUploads/QuestionData/f922ee2d-ddc7-4204-adb2-df1e4e6686c842453525X26252372656.gifis:  A) https://angel.spcollege.edu/AngelUploads/QuestionData/f922ee2d-ddc7-4204-adb2-df1e4e6686c826643325U6U13435261C.gif B) https://angel.spcollege.edu/AngelUploads/QuestionData/f922ee2d-ddc7-4204-adb2-df1e4e6686c864417211615432643655.gif C) https://angel.spcollege.edu/AngelUploads/QuestionData/f922ee2d-ddc7-4204-adb2-df1e4e6686c853442134653X45117511.gif D) https://angel.spcollege.edu/AngelUploads/QuestionData/f922ee2d-ddc7-4204-adb2-df1e4e6686c82666U6431364L656416A.gif  **31.**  Graph: https://angel.spcollege.edu/AngelUploads/QuestionData/17fc3e1d-0dfc-420f-9063-a7cda8b2d2671363342344315F35154S.gif  A) https://angel.spcollege.edu/AngelUploads/QuestionData/17fc3e1d-0dfc-420f-9063-a7cda8b2d26752C23232137465442443.jpg B) https://angel.spcollege.edu/AngelUploads/QuestionData/17fc3e1d-0dfc-420f-9063-a7cda8b2d267TO424R4127464E4N7163.jpg C) https://angel.spcollege.edu/AngelUploads/QuestionData/17fc3e1d-0dfc-420f-9063-a7cda8b2d267J1435830632145113145.jpg D) https://angel.spcollege.edu/AngelUploads/QuestionData/17fc3e1d-0dfc-420f-9063-a7cda8b2d26741165661532125565312.jpg  **32.**  Write 36.3% as a decimal.  A) 36.3  B) 0.363  C) 0.0363  D) 3,630  **33.**  Simplify: https://angel.spcollege.edu/AngelUploads/QuestionData/a222eaca-75d3-4ff0-848b-7607eef348496230441134X624114632.gif  A) 45  B) 202.5  C) 22.5  D) 14  **34.**  Simplify: https://angel.spcollege.edu/AngelUploads/QuestionData/25826ff5-8b8d-4897-9557-d5bf16161b7635T14662313L27SG1274.gif  A) https://angel.spcollege.edu/AngelUploads/QuestionData/25826ff5-8b8d-4897-9557-d5bf16161b7632121233D2615454664V.gif B) https://angel.spcollege.edu/AngelUploads/QuestionData/25826ff5-8b8d-4897-9557-d5bf16161b7665413316404923522265.gif C) https://angel.spcollege.edu/AngelUploads/QuestionData/25826ff5-8b8d-4897-9557-d5bf16161b7644615452B51511625432.gif D) https://angel.spcollege.edu/AngelUploads/QuestionData/25826ff5-8b8d-4897-9557-d5bf16161b76126436I43623414531U6.gif  **35.**  Solve and Graph:  https://angel.spcollege.edu/AngelUploads/QuestionData/2fed9d09-bd04-4d4f-a78d-f6e7d59e8b834121503F2532516G4661.gif  A) https://angel.spcollege.edu/AngelUploads/QuestionData/2fed9d09-bd04-4d4f-a78d-f6e7d59e8b834XH2Q61213N9513P2665.jpg B) https://angel.spcollege.edu/AngelUploads/QuestionData/2fed9d09-bd04-4d4f-a78d-f6e7d59e8b835656443L453115314455.jpg C) https://angel.spcollege.edu/AngelUploads/QuestionData/2fed9d09-bd04-4d4f-a78d-f6e7d59e8b835505373616C3131368J2.jpg D) https://angel.spcollege.edu/AngelUploads/QuestionData/2fed9d09-bd04-4d4f-a78d-f6e7d59e8b8346E311254341D622A614.jpg |











**Time**

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| **Assessment:** |  |
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