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| **1.** Simplify: https://angel.spcollege.edu/AngelUploads/QuestionData/0c29ae8b-cbaf-440b-8099-fbb42c99f481453457763E433D55T4N2.gifA) https://angel.spcollege.edu/AngelUploads/QuestionData/0c29ae8b-cbaf-440b-8099-fbb42c99f481364425B455326425364X.gifB) https://angel.spcollege.edu/AngelUploads/QuestionData/0c29ae8b-cbaf-440b-8099-fbb42c99f4814154L63265E362130J61.gifC) https://angel.spcollege.edu/AngelUploads/QuestionData/0c29ae8b-cbaf-440b-8099-fbb42c99f48155753666655844431167.gifD) 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.gifA) https://angel.spcollege.edu/AngelUploads/QuestionData/daf845a6-f770-4c16-b4eb-ac0ff705bec8531G3211362663323124.gifB) https://angel.spcollege.edu/AngelUploads/QuestionData/daf845a6-f770-4c16-b4eb-ac0ff705bec83251L11672R256635144.gifC) https://angel.spcollege.edu/AngelUploads/QuestionData/daf845a6-f770-4c16-b4eb-ac0ff705bec862631V8535686C363513.gifD) 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.gifB) https://angel.spcollege.edu/AngelUploads/QuestionData/d20de188-b8ed-4afc-8d5b-1a4e99b911ee3131366LU157444523O5.gifC) https://angel.spcollege.edu/AngelUploads/QuestionData/d20de188-b8ed-4afc-8d5b-1a4e99b911ee433236532173F156A024.gifD) 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.gifA) https://angel.spcollege.edu/AngelUploads/QuestionData/75b1e775-3c73-4b9c-9577-07e7379e62522545271625157X252364.gifB) https://angel.spcollege.edu/AngelUploads/QuestionData/75b1e775-3c73-4b9c-9577-07e7379e6252663J1G5235432354G216.gifC) https://angel.spcollege.edu/AngelUploads/QuestionData/75b1e775-3c73-4b9c-9577-07e7379e6252L24121366D4146672437.gifD) 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.gifA) https://angel.spcollege.edu/AngelUploads/QuestionData/db27fcdf-567e-4351-8dfc-00cf1c2f8c02383365232334485L1335.gifB) https://angel.spcollege.edu/AngelUploads/QuestionData/db27fcdf-567e-4351-8dfc-00cf1c2f8c02462D1645511262244011.gifC) https://angel.spcollege.edu/AngelUploads/QuestionData/db27fcdf-567e-4351-8dfc-00cf1c2f8c0216X65666442E56232554.gifD) 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.gifB) https://angel.spcollege.edu/AngelUploads/QuestionData/ada54d7f-c294-467f-a439-b784fc0db5a04S541572166231466731.gifC) https://angel.spcollege.edu/AngelUploads/QuestionData/ada54d7f-c294-467f-a439-b784fc0db5a07661I565662641523916.gifD) 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.gifA) https://angel.spcollege.edu/AngelUploads/QuestionData/0cb303dd-8176-46f7-b10f-1b762bb69aca6266356244354546I356.gifB) https://angel.spcollege.edu/AngelUploads/QuestionData/0cb303dd-8176-46f7-b10f-1b762bb69aca765466513512O5S13636.gifC) https://angel.spcollege.edu/AngelUploads/QuestionData/0cb303dd-8176-46f7-b10f-1b762bb69acaLX3622Y5964235724314.gifD) 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.gifB) https://angel.spcollege.edu/AngelUploads/QuestionData/4c4112ef-a7f9-4000-ad34-0fce0c351d50405402696132151442F3.gifC) https://angel.spcollege.edu/AngelUploads/QuestionData/4c4112ef-a7f9-4000-ad34-0fce0c351d5056Y336464336Z1656614.gifD) 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.gifA) https://angel.spcollege.edu/AngelUploads/QuestionData/22f26904-0512-4584-89b4-99584dff6e25624162Z15511225V2166.gifB) https://angel.spcollege.edu/AngelUploads/QuestionData/22f26904-0512-4584-89b4-99584dff6e256Y132W3273351416W542.gifC) https://angel.spcollege.edu/AngelUploads/QuestionData/22f26904-0512-4584-89b4-99584dff6e2531543115W51564Z52855.gifD) 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.gifB) https://angel.spcollege.edu/AngelUploads/QuestionData/334d01e5-32ef-4d23-9745-c35b80521dbe32O40L56355862261333.gifC) https://angel.spcollege.edu/AngelUploads/QuestionData/334d01e5-32ef-4d23-9745-c35b80521dbe4615632Z2585265B4E14.gifD) 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.gifA) https://angel.spcollege.edu/AngelUploads/QuestionData/f86246ab-d6e4-4dc9-8e84-b3406a696cf864335W36V5P66673N56B.gifB) https://angel.spcollege.edu/AngelUploads/QuestionData/f86246ab-d6e4-4dc9-8e84-b3406a696cf8631C4423435512565126.gifC) https://angel.spcollege.edu/AngelUploads/QuestionData/f86246ab-d6e4-4dc9-8e84-b3406a696cf8151S4171215756353163.gifD) 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.gifA) https://angel.spcollege.edu/AngelUploads/QuestionData/d529a201-5b30-4872-9f5b-27313d7e5f7306542142144343S51043.gifB) https://angel.spcollege.edu/AngelUploads/QuestionData/d529a201-5b30-4872-9f5b-27313d7e5f73425MJO72E3516W412561.gifC) https://angel.spcollege.edu/AngelUploads/QuestionData/d529a201-5b30-4872-9f5b-27313d7e5f7333X12H31354154114244.gifD) 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.gifA) https://angel.spcollege.edu/AngelUploads/QuestionData/ecff6e46-9fdd-4db0-b8bb-3bdca2c63b71246524256534R3521434.gifB) https://angel.spcollege.edu/AngelUploads/QuestionData/ecff6e46-9fdd-4db0-b8bb-3bdca2c63b714664I242143125543353.gifC) https://angel.spcollege.edu/AngelUploads/QuestionData/ecff6e46-9fdd-4db0-b8bb-3bdca2c63b71323246U63451V3433656.gifD) 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.gifA) 28 B) 40 C) -52 D) -40 **18.** Simplify: https://angel.spcollege.edu/AngelUploads/QuestionData/4836ada4-d23e-4736-a28d-5b9f1f3fbe9a5N621344LC3B4D33ELJ1.gifA) 18 B) 258 C) 66 D) 786 **19.** Divide.https://angel.spcollege.edu/AngelUploads/QuestionData/28f9d639-2c5b-48fe-b38e-0266a3313229135121251V3646644135.gifA) https://angel.spcollege.edu/AngelUploads/QuestionData/28f9d639-2c5b-48fe-b38e-0266a3313229627612F3353125Y22641.gifB) https://angel.spcollege.edu/AngelUploads/QuestionData/28f9d639-2c5b-48fe-b38e-0266a3313229KM41H7D1263423645444.gifC) https://angel.spcollege.edu/AngelUploads/QuestionData/28f9d639-2c5b-48fe-b38e-0266a33132293521252445W365413I46.gifD) 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.jpgA) https://angel.spcollege.edu/AngelUploads/QuestionData/6e093bf3-48ad-41f9-826d-017eaef768f037312644116243H65316.gifB) https://angel.spcollege.edu/AngelUploads/QuestionData/6e093bf3-48ad-41f9-826d-017eaef768f021A33356314552662P21.gifC) https://angel.spcollege.edu/AngelUploads/QuestionData/6e093bf3-48ad-41f9-826d-017eaef768f03444ML55414521323651.gifD) 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.gifA) https://angel.spcollege.edu/AngelUploads/QuestionData/59d06334-0b51-4912-a901-c345f23f567121253643256232331611.gifB) https://angel.spcollege.edu/AngelUploads/QuestionData/59d06334-0b51-4912-a901-c345f23f5671666362X26ZU261516132.gifC) https://angel.spcollege.edu/AngelUploads/QuestionData/59d06334-0b51-4912-a901-c345f23f56713143213221C32625Q454.gifD) 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.gifmilesB) 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.gifB) https://angel.spcollege.edu/AngelUploads/QuestionData/3ee5620a-b24f-48a5-8ae2-b60b26046c68533264263P5L5T362413.gifC) https://angel.spcollege.edu/AngelUploads/QuestionData/3ee5620a-b24f-48a5-8ae2-b60b26046c683551133552523554356J.gifD) 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.gifB) https://angel.spcollege.edu/AngelUploads/QuestionData/f922ee2d-ddc7-4204-adb2-df1e4e6686c864417211615432643655.gifC) https://angel.spcollege.edu/AngelUploads/QuestionData/f922ee2d-ddc7-4204-adb2-df1e4e6686c853442134653X45117511.gifD) 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.gifA) https://angel.spcollege.edu/AngelUploads/QuestionData/17fc3e1d-0dfc-420f-9063-a7cda8b2d26752C23232137465442443.jpgB) https://angel.spcollege.edu/AngelUploads/QuestionData/17fc3e1d-0dfc-420f-9063-a7cda8b2d267TO424R4127464E4N7163.jpgC) https://angel.spcollege.edu/AngelUploads/QuestionData/17fc3e1d-0dfc-420f-9063-a7cda8b2d267J1435830632145113145.jpgD) 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.gifA) 45 B) 202.5 C) 22.5 D) 14 **34.** Simplify: https://angel.spcollege.edu/AngelUploads/QuestionData/25826ff5-8b8d-4897-9557-d5bf16161b7635T14662313L27SG1274.gifA) https://angel.spcollege.edu/AngelUploads/QuestionData/25826ff5-8b8d-4897-9557-d5bf16161b7632121233D2615454664V.gifB) https://angel.spcollege.edu/AngelUploads/QuestionData/25826ff5-8b8d-4897-9557-d5bf16161b7665413316404923522265.gifC) https://angel.spcollege.edu/AngelUploads/QuestionData/25826ff5-8b8d-4897-9557-d5bf16161b7644615452B51511625432.gifD) 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.gifA) https://angel.spcollege.edu/AngelUploads/QuestionData/2fed9d09-bd04-4d4f-a78d-f6e7d59e8b834XH2Q61213N9513P2665.jpgB) https://angel.spcollege.edu/AngelUploads/QuestionData/2fed9d09-bd04-4d4f-a78d-f6e7d59e8b835656443L453115314455.jpgC) https://angel.spcollege.edu/AngelUploads/QuestionData/2fed9d09-bd04-4d4f-a78d-f6e7d59e8b835505373616C3131368J2.jpgD) https://angel.spcollege.edu/AngelUploads/QuestionData/2fed9d09-bd04-4d4f-a78d-f6e7d59e8b8346E311254341D622A614.jpg |











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