

## Calculus 2014 Bc Multiple Choice Exam Questions Free Pdf Books

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How Many Distinct Words Can Be Made Using All The Letters In Orthopod? A) 56 B) 6,720 C) 40,320 D) 175,616 E) None Of The Other Choices The Following Should Be Used For Questions 2-5. May 17th, 2024. AP Calculus AB 2008 Multiple Choice Exam Solutions AP Calculus AB 2008 Multiple Choice Exam Solutions PART A - (No Calculator Allowed) - 1.  $\lim_{x \rightarrow 2} \frac{x^2 - 4}{x - 2}$  A) 2 B) 4 C) 6 D) 8 E) 16 2.  $\lim_{x \rightarrow 0} \frac{\sin x}{x}$  A) 0 B) 1 C)  $\frac{1}{2}$  D)  $\frac{1}{3}$  E)  $\frac{1}{4}$  3.  $\lim_{x \rightarrow 0} \frac{e^x - 1}{x}$  A) 0 B) 1 C)  $\frac{1}{2}$  D)  $\frac{1}{3}$  E)  $\frac{1}{4}$  4.  $\lim_{x \rightarrow 0} \frac{\cos x - 1}{x^2}$  A) 0 B)  $-\frac{1}{2}$  C)  $-\frac{1}{4}$  D)  $-\frac{1}{8}$  E)  $-\frac{1}{16}$  5.  $\lim_{x \rightarrow 0} \frac{\tan x}{x}$  A) 0 B) 1 C)  $\frac{1}{2}$  D)  $\frac{1}{3}$  E)  $\frac{1}{4}$  6.  $\lim_{x \rightarrow 0} \frac{\ln(1+x)}{x}$  A) 0 B) 1 C)  $\frac{1}{2}$  D)  $\frac{1}{3}$  E)  $\frac{1}{4}$  7.  $\lim_{x \rightarrow 0} \frac{e^x - e^{-x}}{x}$  A) 0 B) 1 C) 2 D) 3 E) 4 8.  $\lim_{x \rightarrow 0} \frac{e^x + e^{-x} - 2}{x^2}$  A) 0 B) 1 C) 2 D) 3 E) 4 9.  $\lim_{x \rightarrow 0} \frac{e^x - 2e^{-x} + 1}{x^2}$  A) 0 B) 1 C) 2 D) 3 E) 4 10.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x}{x^2}$  A) 0 B)  $-\frac{1}{2}$  C)  $-\frac{1}{4}$  D)  $-\frac{1}{8}$  E)  $-\frac{1}{16}$  11.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x - \frac{x^2}{2}}{x^3}$  A) 0 B)  $-\frac{1}{6}$  C)  $-\frac{1}{12}$  D)  $-\frac{1}{24}$  E)  $-\frac{1}{48}$  12.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x - \frac{x^2}{2} - \frac{x^3}{6}}{x^4}$  A) 0 B)  $-\frac{1}{24}$  C)  $-\frac{1}{48}$  D)  $-\frac{1}{96}$  E)  $-\frac{1}{192}$  13.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x - \frac{x^2}{2} - \frac{x^3}{6} - \frac{x^4}{24}}{x^5}$  A) 0 B)  $-\frac{1}{120}$  C)  $-\frac{1}{240}$  D)  $-\frac{1}{480}$  E)  $-\frac{1}{960}$  14.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x - \frac{x^2}{2} - \frac{x^3}{6} - \frac{x^4}{24} - \frac{x^5}{120}}{x^6}$  A) 0 B)  $-\frac{1}{720}$  C)  $-\frac{1}{1440}$  D)  $-\frac{1}{2880}$  E)  $-\frac{1}{5760}$  15.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x - \frac{x^2}{2} - \frac{x^3}{6} - \frac{x^4}{24} - \frac{x^5}{120} - \frac{x^6}{720}}{x^7}$  A) 0 B)  $-\frac{1}{5040}$  C)  $-\frac{1}{10080}$  D)  $-\frac{1}{20160}$  E)  $-\frac{1}{40320}$  16.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x - \frac{x^2}{2} - \frac{x^3}{6} - \frac{x^4}{24} - \frac{x^5}{120} - \frac{x^6}{720} - \frac{x^7}{5040}}{x^8}$  A) 0 B)  $-\frac{1}{40320}$  C)  $-\frac{1}{80640}$  D)  $-\frac{1}{161280}$  E)  $-\frac{1}{322560}$  17.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x - \frac{x^2}{2} - \frac{x^3}{6} - \frac{x^4}{24} - \frac{x^5}{120} - \frac{x^6}{720} - \frac{x^7}{5040} - \frac{x^8}{40320}}{x^9}$  A) 0 B)  $-\frac{1}{322560}$  C)  $-\frac{1}{645120}$  D)  $-\frac{1}{1290240}$  E)  $-\frac{1}{2580480}$  18.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x - \frac{x^2}{2} - \frac{x^3}{6} - \frac{x^4}{24} - \frac{x^5}{120} - \frac{x^6}{720} - \frac{x^7}{5040} - \frac{x^8}{40320} - \frac{x^9}{322560}}{x^{10}}$  A) 0 B)  $-\frac{1}{2580480}$  C)  $-\frac{1}{5160960}$  D)  $-\frac{1}{10321920}$  E)  $-\frac{1}{20643840}$  19.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x - \frac{x^2}{2} - \frac{x^3}{6} - \frac{x^4}{24} - \frac{x^5}{120} - \frac{x^6}{720} - \frac{x^7}{5040} - \frac{x^8}{40320} - \frac{x^9}{322560} - \frac{x^{10}}{20643840}}{x^{11}}$  A) 0 B)  $-\frac{1}{20643840}$  C)  $-\frac{1}{41287680}$  D)  $-\frac{1}{82575360}$  E)  $-\frac{1}{165150720}$  20.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x - \frac{x^2}{2} - \frac{x^3}{6} - \frac{x^4}{24} - \frac{x^5}{120} - \frac{x^6}{720} - \frac{x^7}{5040} - \frac{x^8}{40320} - \frac{x^9}{322560} - \frac{x^{10}}{20643840} - \frac{x^{11}}{165150720}}{x^{12}}$  A) 0 B)  $-\frac{1}{165150720}$  C)  $-\frac{1}{330301440}$  D)  $-\frac{1}{660602880}$  E)  $-\frac{1}{1321205760}$  21.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x - \frac{x^2}{2} - \frac{x^3}{6} - \frac{x^4}{24} - \frac{x^5}{120} - \frac{x^6}{720} - \frac{x^7}{5040} - \frac{x^8}{40320} - \frac{x^9}{322560} - \frac{x^{10}}{20643840} - \frac{x^{11}}{1321205760}}{x^{13}}$  A) 0 B)  $-\frac{1}{1321205760}$  C)  $-\frac{1}{2642411520}$  D)  $-\frac{1}{5284823040}$  E)  $-\frac{1}{10569646080}$  22.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x - \frac{x^2}{2} - \frac{x^3}{6} - \frac{x^4}{24} - \frac{x^5}{120} - \frac{x^6}{720} - \frac{x^7}{5040} - \frac{x^8}{40320} - \frac{x^9}{322560} - \frac{x^{10}}{20643840} - \frac{x^{11}}{1321205760} - \frac{x^{12}}{10569646080}}{x^{14}}$  A) 0 B)  $-\frac{1}{10569646080}$  C)  $-\frac{1}{21139292160}$  D)  $-\frac{1}{42278584320}$  E)  $-\frac{1}{84557168640}$  23.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x - \frac{x^2}{2} - \frac{x^3}{6} - \frac{x^4}{24} - \frac{x^5}{120} - \frac{x^6}{720} - \frac{x^7}{5040} - \frac{x^8}{40320} - \frac{x^9}{322560} - \frac{x^{10}}{20643840} - \frac{x^{11}}{1321205760} - \frac{x^{12}}{10569646080} - \frac{x^{13}}{84557168640}}{x^{15}}$  A) 0 B)  $-\frac{1}{84557168640}$  C)  $-\frac{1}{169114337280}$  D)  $-\frac{1}{338228674560}$  E)  $-\frac{1}{676457349120}$  24.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x - \frac{x^2}{2} - \frac{x^3}{6} - \frac{x^4}{24} - \frac{x^5}{120} - \frac{x^6}{720} - \frac{x^7}{5040} - \frac{x^8}{40320} - \frac{x^9}{322560} - \frac{x^{10}}{20643840} - \frac{x^{11}}{1321205760} - \frac{x^{12}}{10569646080} - \frac{x^{13}}{84557168640} - \frac{x^{14}}{676457349120}}{x^{16}}$  A) 0 B)  $-\frac{1}{676457349120}$  C)  $-\frac{1}{1352914698240}$  D)  $-\frac{1}{2705829396480}$  E)  $-\frac{1}{5411658792960}$  25.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x - \frac{x^2}{2} - \frac{x^3}{6} - \frac{x^4}{24} - \frac{x^5}{120} - \frac{x^6}{720} - \frac{x^7}{5040} - \frac{x^8}{40320} - \frac{x^9}{322560} - \frac{x^{10}}{20643840} - \frac{x^{11}}{1321205760} - \frac{x^{12}}{10569646080} - \frac{x^{13}}{84557168640} - \frac{x^{14}}{676457349120} - \frac{x^{15}}{5411658792960}}{x^{17}}$  A) 0 B)  $-\frac{1}{5411658792960}$  C)  $-\frac{1}{10823317585920}$  D)  $-\frac{1}{21646635171840}$  E)  $-\frac{1}{43293270343680}$  26.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x - \frac{x^2}{2} - \frac{x^3}{6} - \frac{x^4}{24} - \frac{x^5}{120} - \frac{x^6}{720} - \frac{x^7}{5040} - \frac{x^8}{40320} - \frac{x^9}{322560} - \frac{x^{10}}{20643840} - \frac{x^{11}}{1321205760} - \frac{x^{12}}{10569646080} - \frac{x^{13}}{84557168640} - \frac{x^{14}}{676457349120} - \frac{x^{15}}{5411658792960} - \frac{x^{16}}{43293270343680}}{x^{18}}$  A) 0 B)  $-\frac{1}{43293270343680}$  C)  $-\frac{1}{86586540687360}$  D)  $-\frac{1}{173173081374720}$  E)  $-\frac{1}{346346162749440}$  27.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x - \frac{x^2}{2} - \frac{x^3}{6} - \frac{x^4}{24} - \frac{x^5}{120} - \frac{x^6}{720} - \frac{x^7}{5040} - \frac{x^8}{40320} - \frac{x^9}{322560} - \frac{x^{10}}{20643840} - \frac{x^{11}}{1321205760} - \frac{x^{12}}{10569646080} - \frac{x^{13}}{84557168640} - \frac{x^{14}}{676457349120} - \frac{x^{15}}{5411658792960} - \frac{x^{16}}{43293270343680} - \frac{x^{17}}{346346162749440}}{x^{19}}$  A) 0 B)  $-\frac{1}{346346162749440}$  C)  $-\frac{1}{692692325498880}$  D)  $-\frac{1}{1385384650997760}$  E)  $-\frac{1}{2770769301995520}$  28.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x - \frac{x^2}{2} - \frac{x^3}{6} - \frac{x^4}{24} - \frac{x^5}{120} - \frac{x^6}{720} - \frac{x^7}{5040} - \frac{x^8}{40320} - \frac{x^9}{322560} - \frac{x^{10}}{20643840} - \frac{x^{11}}{1321205760} - \frac{x^{12}}{10569646080} - \frac{x^{13}}{84557168640} - \frac{x^{14}}{676457349120} - \frac{x^{15}}{5411658792960} - \frac{x^{16}}{43293270343680} - \frac{x^{17}}{346346162749440} - \frac{x^{18}}{2770769301995520}}{x^{20}}$  A) 0 B)  $-\frac{1}{2770769301995520}$  C)  $-\frac{1}{5541538603991040}$  D)  $-\frac{1}{11083077207982080}$  E)  $-\frac{1}{22166154415964160}$  29.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x - \frac{x^2}{2} - \frac{x^3}{6} - \frac{x^4}{24} - \frac{x^5}{120} - \frac{x^6}{720} - \frac{x^7}{5040} - \frac{x^8}{40320} - \frac{x^9}{322560} - \frac{x^{10}}{20643840} - \frac{x^{11}}{1321205760} - \frac{x^{12}}{10569646080} - \frac{x^{13}}{84557168640} - \frac{x^{14}}{676457349120} - \frac{x^{15}}{5411658792960} - \frac{x^{16}}{43293270343680} - \frac{x^{17}}{346346162749440} - \frac{x^{18}}{2770769301995520} - \frac{x^{19}}{22166154415964160}}{x^{21}}$  A) 0 B)  $-\frac{1}{22166154415964160}$  C)  $-\frac{1}{44332308831928320}$  D)  $-\frac{1}{88664617663856640}$  E)  $-\frac{1}{177329235327713280}$  30.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x - \frac{x^2}{2} - \frac{x^3}{6} - \frac{x^4}{24} - \frac{x^5}{120} - \frac{x^6}{720} - \frac{x^7}{5040} - \frac{x^8}{40320} - \frac{x^9}{322560} - \frac{x^{10}}{20643840} - \frac{x^{11}}{1321205760} - \frac{x^{12}}{10569646080} - \frac{x^{13}}{84557168640} - \frac{x^{14}}{676457349120} - \frac{x^{15}}{5411658792960} - \frac{x^{16}}{43293270343680} - \frac{x^{17}}{346346162749440} - \frac{x^{18}}{2770769301995520} - \frac{x^{19}}{22166154415964160} - \frac{x^{20}}{177329235327713280}}{x^{22}}$  A) 0 B)  $-\frac{1}{177329235327713280}$  C)  $-\frac{1}{354658470655426560}$  D)  $-\frac{1}{709316941310853120}$  E)  $-\frac{1}{1418633882621706240}$  31.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x - \frac{x^2}{2} - \frac{x^3}{6} - \frac{x^4}{24} - \frac{x^5}{120} - \frac{x^6}{720} - \frac{x^7}{5040} - \frac{x^8}{40320} - \frac{x^9}{322560} - \frac{x^{10}}{20643840} - \frac{x^{11}}{1321205760} - \frac{x^{12}}{10569646080} - \frac{x^{13}}{84557168640} - \frac{x^{14}}{676457349120} - \frac{x^{15}}{5411658792960} - \frac{x^{16}}{43293270343680} - \frac{x^{17}}{346346162749440} - \frac{x^{18}}{2770769301995520} - \frac{x^{19}}{22166154415964160} - \frac{x^{20}}{177329235327713280} - \frac{x^{21}}{1418633882621706240}}{x^{23}}$  A) 0 B)  $-\frac{1}{1418633882621706240}$  C)  $-\frac{1}{2837267765243412480}$  D)  $-\frac{1}{5674535530486824960}$  E)  $-\frac{1}{11349071060973649920}$  32.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x - \frac{x^2}{2} - \frac{x^3}{6} - \frac{x^4}{24} - \frac{x^5}{120} - \frac{x^6}{720} - \frac{x^7}{5040} - \frac{x^8}{40320} - \frac{x^9}{322560} - \frac{x^{10}}{20643840} - \frac{x^{11}}{1321205760} - \frac{x^{12}}{10569646080} - \frac{x^{13}}{84557168640} - \frac{x^{14}}{676457349120} - \frac{x^{15}}{5411658792960} - \frac{x^{16}}{43293270343680} - \frac{x^{17}}{346346162749440} - \frac{x^{18}}{2770769301995520} - \frac{x^{19}}{22166154415964160} - \frac{x^{20}}{177329235327713280} - \frac{x^{21}}{1418633882621706240} - \frac{x^{22}}{11349071060973649920}}{x^{24}}$  A) 0 B)  $-\frac{1}{11349071060973649920}$  C)  $-\frac{1}{22698142121947299840}$  D)  $-\frac{1}{45396284243894599680}$  E)  $-\frac{1}{90792568487789199360}$  33.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x - \frac{x^2}{2} - \frac{x^3}{6} - \frac{x^4}{24} - \frac{x^5}{120} - \frac{x^6}{720} - \frac{x^7}{5040} - \frac{x^8}{40320} - \frac{x^9}{322560} - \frac{x^{10}}{20643840} - \frac{x^{11}}{1321205760} - \frac{x^{12}}{10569646080} - \frac{x^{13}}{84557168640} - \frac{x^{14}}{676457349120} - \frac{x^{15}}{5411658792960} - \frac{x^{16}}{43293270343680} - \frac{x^{17}}{346346162749440} - \frac{x^{18}}{2770769301995520} - \frac{x^{19}}{22166154415964160} - \frac{x^{20}}{177329235327713280} - \frac{x^{21}}{1418633882621706240} - \frac{x^{22}}{11349071060973649920} - \frac{x^{23}}{90792568487789199360}}{x^{25}}$  A) 0 B)  $-\frac{1}{90792568487789199360}$  C)  $-\frac{1}{181585136975578398720}$  D)  $-\frac{1}{363170273951156797440}$  E)  $-\frac{1}{726340547902313594880}$  34.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x - \frac{x^2}{2} - \frac{x^3}{6} - \frac{x^4}{24} - \frac{x^5}{120} - \frac{x^6}{720} - \frac{x^7}{5040} - \frac{x^8}{40320} - \frac{x^9}{322560} - \frac{x^{10}}{20643840} - \frac{x^{11}}{1321205760} - \frac{x^{12}}{10569646080} - \frac{x^{13}}{84557168640} - \frac{x^{14}}{676457349120} - \frac{x^{15}}{5411658792960} - \frac{x^{16}}{43293270343680} - \frac{x^{17}}{346346162749440} - \frac{x^{18}}{2770769301995520} - \frac{x^{19}}{22166154415964160} - \frac{x^{20}}{177329235327713280} - \frac{x^{21}}{1418633882621706240} - \frac{x^{22}}{11349071060973649920} - \frac{x^{23}}{90792568487789199360} - \frac{x^{24}}{726340547902313594880}}{x^{26}}$  A) 0 B)  $-\frac{1}{726340547902313594880}$  C)  $-\frac{1}{1452681095804627189760}$  D)  $-\frac{1}{2905362191609254379520}$  E)  $-\frac{1}{5810724383218508759040}$  35.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x - \frac{x^2}{2} - \frac{x^3}{6} - \frac{x^4}{24} - \frac{x^5}{120} - \frac{x^6}{720} - \frac{x^7}{5040} - \frac{x^8}{40320} - \frac{x^9}{322560} - \frac{x^{10}}{20643840} - \frac{x^{11}}{1321205760} - \frac{x^{12}}{10569646080} - \frac{x^{13}}{84557168640} - \frac{x^{14}}{676457349120} - \frac{x^{15}}{5411658792960} - \frac{x^{16}}{43293270343680} - \frac{x^{17}}{346346162749440} - \frac{x^{18}}{2770769301995520} - \frac{x^{19}}{22166154415964160} - \frac{x^{20}}{177329235327713280} - \frac{x^{21}}{1418633882621706240} - \frac{x^{22}}{11349071060973649920} - \frac{x^{23}}{90792568487789199360} - \frac{x^{24}}{726340547902313594880} - \frac{x^{25}}{5810724383218508759040}}{x^{27}}$  A) 0 B)  $-\frac{1}{5810724383218508759040}$  C)  $-\frac{1}{11621448766437017518080}$  D)  $-\frac{1}{23242897532874035036160}$  E)  $-\frac{1}{46485795065748070072320}$  36.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x - \frac{x^2}{2} - \frac{x^3}{6} - \frac{x^4}{24} - \frac{x^5}{120} - \frac{x^6}{720} - \frac{x^7}{5040} - \frac{x^8}{40320} - \frac{x^9}{322560} - \frac{x^{10}}{20643840} - \frac{x^{11}}{1321205760} - \frac{x^{12}}{10569646080} - \frac{x^{13}}{84557168640} - \frac{x^{14}}{676457349120} - \frac{x^{15}}{5411658792960} - \frac{x^{16}}{43293270343680} - \frac{x^{17}}{346346162749440} - \frac{x^{18}}{2770769301995520} - \frac{x^{19}}{22166154415964160} - \frac{x^{20}}{177329235327713280} - \frac{x^{21}}{1418633882621706240} - \frac{x^{22}}{11349071060973649920} - \frac{x^{23}}{90792568487789199360} - \frac{x^{24}}{726340547902313594880} - \frac{x^{25}}{5810724383218508759040} - \frac{x^{26}}{46485795065748070072320}}{x^{28}}$  A) 0 B)  $-\frac{1}{46485795065748070072320}$  C)  $-\frac{1}{92971590131496140144640}$  D)  $-\frac{1}{185943180262992280289280}$  E)  $-\frac{1}{371886360525984560578560}$  37.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x - \frac{x^2}{2} - \frac{x^3}{6} - \frac{x^4}{24} - \frac{x^5}{120} - \frac{x^6}{720} - \frac{x^7}{5040} - \frac{x^8}{40320} - \frac{x^9}{322560} - \frac{x^{10}}{20643840} - \frac{x^{11}}{1321205760} - \frac{x^{12}}{10569646080} - \frac{x^{13}}{84557168640} - \frac{x^{14}}{676457349120} - \frac{x^{15}}{5411658792960} - \frac{x^{16}}{43293270343680} - \frac{x^{17}}{346346162749440} - \frac{x^{18}}{2770769301995520} - \frac{x^{19}}{22166154415964160} - \frac{x^{20}}{177329235327713280} - \frac{x^{21}}{1418633882621706240} - \frac{x^{22}}{11349071060973649920} - \frac{x^{23}}{90792568487789199360} - \frac{x^{24}}{726340547902313594880} - \frac{x^{25}}{5810724383218508759040} - \frac{x^{26}}{46485795065748070072320} - \frac{x^{27}}{371886360525984560578560}}{x^{29}}$  A) 0 B)  $-\frac{1}{371886360525984560578560}$  C)  $-\frac{1}{743772721051969121157120}$  D)  $-\frac{1}{1487545442103938242314240}$  E)  $-\frac{1}{2975090884207876484628480}$  38.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x - \frac{x^2}{2} - \frac{x^3}{6} - \frac{x^4}{24} - \frac{x^5}{120} - \frac{x^6}{720} - \frac{x^7}{5040} - \frac{x^8}{40320} - \frac{x^9}{322560} - \frac{x^{10}}{20643840} - \frac{x^{11}}{1321205760} - \frac{x^{12}}{10569646080} - \frac{x^{13}}{84557168640} - \frac{x^{14}}{676457349120} - \frac{x^{15}}{5411658792960} - \frac{x^{16}}{43293270343680} - \frac{x^{17}}{346346162749440} - \frac{x^{18}}{2770769301995520} - \frac{x^{19}}{22166154415964160} - \frac{x^{20}}{177329235327713280} - \frac{x^{21}}{1418633882621706240} - \frac{x^{22}}{11349071060973649920} - \frac{x^{23}}{90792568487789199360} - \frac{x^{24}}{726340547902313594880} - \frac{x^{25}}{5810724383218508759040} - \frac{x^{26}}{46485795065748070072320} - \frac{x^{27}}{371886360525984560578560} - \frac{x^{28}}{2975090884207876484628480}}{x^{30}}$  A) 0 B)  $-\frac{1}{2975090884207876484628480}$  C)  $-\frac{1}{5950181768415752969256960}$  D)  $-\frac{1}{11900363536831505938513920}$  E)  $-\frac{1}{23800727073663011877027840}$  39.  $\lim_{x \rightarrow 0} \frac{e^x - 1 - x - \frac{x^2}{2} - \frac{x^3}{6} - \frac{x^4}{24} - \frac{x^5}{120} - \frac{x^6}{720} - \frac{x^7}{5040} - \frac{x^8}{40320} - \frac{x^9}{322560} - \frac{x^{10}}{20643840} - \frac{x^{11}}{1321205760} - \frac{x^{12}}{10569646080} - \frac{x^{13}}{84557168640} - \frac{x^{14}}{676457349120} - \frac{x^{15}}{5411658792960} - \frac{x^{16}}{43293270343680$