

Name _____

Time: _____

Date ___ / ___ / ___

Score _____

Add $\frac{1}{n(n+1)}$ (Number Dojo Level 289) Middle School Worksheet Set H

Instructions: Give yourself 5 minutes to complete as many problems as you can. Score this worksheet like a Number Sense test, giving yourself 5 points for every correct answer, less 4 points for every skipped or incorrect answer. High score is a 200.

1) $\frac{1}{12} + \frac{1}{20} + \frac{1}{30} =$ _____

2) $\frac{1}{30} + \frac{1}{42} + \frac{1}{56} =$ _____

3) $\frac{1}{6} + \frac{1}{12} + \frac{1}{20} =$ _____

4) $\frac{1}{42} + \frac{1}{56} + \frac{1}{72} =$ _____

5) $\frac{1}{20} + \frac{1}{30} + \frac{1}{42} =$ _____

6) $\frac{1}{10} + \frac{1}{40} + \frac{1}{88} =$ _____

7) $\frac{1}{18} + \frac{1}{54} + \frac{1}{108} =$ _____

8) $\frac{1}{3} + \frac{1}{15} + \frac{1}{35} =$ _____

9) $\frac{1}{35} + \frac{1}{63} + \frac{1}{99} =$ _____

10) $\frac{1}{24} + \frac{1}{48} + \frac{1}{80} =$ _____

11) $\frac{11}{12} + \frac{11}{60} + \frac{11}{140} =$ _____ mixed #

12) $\frac{1}{15} + \frac{1}{35} + \frac{1}{63} =$ _____

13) $\frac{1}{2} + \frac{1}{6} + \frac{1}{12} =$ _____

14) $\frac{1}{8} + \frac{1}{24} + \frac{1}{48} =$ _____

15) $\frac{2}{3} + \frac{2}{15} + \frac{2}{35} =$ _____

16) $\frac{1}{56} + \frac{1}{72} + \frac{1}{90} =$ _____

17) $\frac{1}{54} + \frac{1}{108} + \frac{1}{180} =$ _____

18) $\frac{1}{63} + \frac{1}{99} + \frac{1}{143} =$ _____

19) $\frac{1}{48} + \frac{1}{80} + \frac{1}{120} =$ _____

20) $\frac{1}{72} + \frac{1}{90} + \frac{1}{110} =$ _____

21) $\frac{1}{30} + \frac{1}{42} + \frac{1}{56} + \frac{1}{72} =$ _____

22) $\frac{1}{20} + \frac{1}{30} + \frac{1}{42} + \frac{1}{56} =$ _____

23) $\frac{1}{6} + \frac{1}{12} + \frac{1}{20} + \frac{1}{30} =$ _____

24) $\frac{1}{8} + \frac{1}{24} + \frac{1}{48} + \frac{1}{80} =$ _____

25) $\frac{2}{3} + \frac{2}{15} + \frac{2}{35} + \frac{2}{63} =$ _____

26) $\frac{1}{2} + \frac{1}{6} + \frac{1}{12} + \frac{1}{20} =$ _____

27) $\frac{1}{15} + \frac{1}{30} + \frac{1}{48} + \frac{1}{80} =$ _____

28) $\frac{1}{24} + \frac{1}{48} + \frac{1}{80} + \frac{1}{120} =$ _____

29) $\frac{1}{56} + \frac{1}{72} + \frac{1}{90} + \frac{1}{110} =$ _____

30) $\frac{1}{15} + \frac{1}{35} + \frac{1}{63} + \frac{1}{99} =$ _____

31) $\frac{1}{30} + \frac{1}{20} + \frac{1}{12} + \frac{1}{6} =$ _____

32) $\frac{1}{80} + \frac{1}{48} + \frac{1}{24} + \frac{1}{8} =$ _____

33) $\frac{2}{15} + \frac{2}{35} + \frac{2}{63} + \frac{2}{99} =$ _____

34) $\frac{1}{3} + \frac{1}{15} + \frac{1}{35} + \frac{1}{63} =$ _____

35) $\frac{1}{8} + \frac{1}{24} + \frac{1}{48} + \frac{1}{80} + \frac{1}{120} =$ _____

36) $\frac{1}{42} + \frac{1}{56} + \frac{1}{72} + \frac{1}{90} =$ _____

37) $\frac{5}{24} + \frac{5}{48} + \frac{5}{80} + \frac{5}{120} =$ _____

38) $\frac{1}{2} + \frac{1}{6} + \frac{1}{12} + \frac{1}{20} + \frac{1}{30} + \frac{1}{42} =$ _____

39) $\frac{1}{6} + \frac{1}{12} + \frac{1}{20} + \frac{1}{30} + \frac{1}{42} =$ _____

40) $\frac{1}{12} + \frac{1}{20} + \frac{1}{30} + \frac{1}{42} =$ _____

----- Fold the bottom portion under -----

Answer Key

1) $\frac{1}{6}$

9) $\frac{3}{55}$

17) $\frac{1}{30}$

25) $\frac{8}{9}$

33) $\frac{8}{33}$

2) $\frac{3}{40}$

10) $\frac{3}{40}$

18) $\frac{3}{91}$

26) $\frac{4}{5}$

34) $\frac{4}{9}$

3) $\frac{3}{10}$

11) $1\frac{5}{28}$

19) $\frac{1}{24}$

27) $\frac{2}{15}$

35) $\frac{5}{24}$

4) $\frac{1}{18}$

12) $\frac{1}{9}$

20) $\frac{3}{88}$

28) $\frac{1}{12}$

36) $\frac{1}{15}$

5) $\frac{3}{28}$

13) $\frac{3}{4}$

21) $\frac{4}{45}$

29) $\frac{4}{77}$

37) $\frac{5}{12}$

6) $\frac{3}{22}$

14) $\frac{3}{16}$

22) $\frac{1}{8}$

30) $\frac{4}{33}$

38) $\frac{6}{7}$

7) $\frac{1}{12}$

15) $\frac{6}{7}$

23) $\frac{1}{3}$

31) $\frac{1}{3}$

39) $\frac{5}{14}$

8) $\frac{3}{7}$

16) $\frac{3}{70}$

24) $\frac{1}{5}$

32) $\frac{1}{5}$

40) $\frac{4}{21}$