

ANSWERS.

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Ex. XXXIII. (p. 72.)

1. 20. 2. 72. 3. 144. 4. 1260. 5. 240. 6. 168. 7. 525.
8. 1056. 9. 1050. 10. 2520. 11. 11088. 12. 450. 13. 1980.
14. 840. 15. 840. 16. 16380. 17. 1386. 18. 21000
19. 43890. 20. 95640.

Ex. XXXIV. (p. 74.)

- (1) $\frac{4}{7}, \frac{6}{7}, \frac{10}{7}, \frac{14}{7}, \frac{18}{7}, \frac{24}{7}, \frac{34}{19}, \frac{51}{19}, \frac{85}{19}$
 $\frac{119}{19}, \frac{153}{19}, \frac{204}{19}$
(2) $\frac{378}{84}, \frac{504}{84}, \frac{693}{84}, \frac{6678}{84}, \frac{9891}{84}, \frac{570}{107}, \frac{760}{107}$
 $\frac{1045}{107}, \frac{10070}{107}, \frac{14915}{107}$

Ex. XXXV. (p. 75.)

- (1) $\frac{3}{8}, \frac{3}{12}, \frac{3}{20}, \frac{3}{24}, \frac{3}{36}, \frac{3}{48}, \frac{7}{18}, \frac{7}{27}, \frac{7}{45}$
 $\frac{7}{54}, \frac{7}{81}, \frac{7}{108}$
(2) $\frac{16}{87}, \frac{16}{145}, \frac{16}{315}, \frac{16}{1624}, \frac{16}{2900}, \frac{77}{267}, \frac{77}{445}$
 $\frac{77}{979}, \frac{77}{4984}, \frac{77}{8900}$

Ex. XXXVI. (p. 75.)

- (1) $\frac{6}{2}, \frac{27}{9}, \frac{39}{13}, \frac{10}{2}, \frac{45}{9}, \frac{65}{13}, \frac{16}{2}, \frac{72}{9}, \frac{104}{18}$
 $\frac{30}{2}, \frac{135}{9}, \frac{195}{13}$
(2) $\frac{72}{8}, \frac{90}{10}, \frac{513}{57}, \frac{96}{8}, \frac{120}{10}, \frac{684}{57}, \frac{136}{8}, \frac{170}{10}$
 $\frac{969}{57}, \frac{993}{8}, \frac{370}{10}, \frac{2109}{57}$

Ex. XXXVII. (p. 76.)

1. 2. 21. 3. 41. 4. 4. 5. 31. 6. 64. 7. 56. 8. 614.
9. 7. 10. 8. 11. 814. 12. 1843. 13. 910. 14. 10226.
15. 12133.