

15A

- 1) done
- 2) $\frac{6}{6} + \frac{5}{6} = \frac{11}{6}$
- 3) $\frac{2}{2} + \frac{2}{2} + \frac{1}{2} = \frac{5}{2}$
- 4) done
- 5) $1 + 1 + \frac{1}{3} = 2\frac{1}{3}$
- 6) $1 + \frac{4}{5} = 1\frac{4}{5}$

15B

- 1) $\frac{4}{4} + \frac{1}{4} = \frac{5}{4}$
- 2) $\frac{6}{6} + \frac{6}{6} + \frac{2}{6} = \frac{14}{6}$
- 3) done
- 4) $\frac{3}{3} + \frac{3}{3} + \frac{3}{3} + \frac{2}{3} = \frac{11}{3}$
- 5) $1 + 1 + \frac{3}{5} = 2\frac{3}{5}$
- 6) done
- 7) $\frac{2}{2} + \frac{1}{2} = 1\frac{1}{2}$
- 8) $\frac{6}{6} + \frac{6}{6} + \frac{6}{6} + \frac{5}{6} =$
 $1 + 1 + 1 + \frac{5}{6} = 3\frac{5}{6}$

15C

- 1) $\frac{6}{6} + \frac{6}{6} + \frac{3}{6} = \frac{15}{6}$
- 2) $\frac{2}{2} + \frac{2}{2} + \frac{1}{2} = \frac{5}{2}$
- 3) $\frac{5}{5} + \frac{4}{5} = \frac{9}{5}$
- 4) $\frac{8}{8} + \frac{8}{8} + \frac{8}{8} + \frac{5}{8} = \frac{29}{8}$
- 5) $\frac{4}{4} + \frac{4}{4} + \frac{1}{4} = \frac{9}{4}$
- 6) $1 + 1 + \frac{2}{3} = 2\frac{2}{3}$
- 7) done
- 8) $\frac{7}{7} + \frac{1}{7} = 1\frac{1}{7}$
- 9) $\frac{2}{2} + \frac{2}{2} + \frac{1}{2} = 2\frac{1}{2}$
- 10) $\frac{4}{4} + \frac{4}{4} + \frac{4}{4} + \frac{4}{4} + \frac{1}{4} = 4\frac{1}{4}$

15D

- 1) $\frac{3}{3} + \frac{3}{3} + \frac{2}{3} = \frac{8}{3}$
- 2) $\frac{2}{2} + \frac{2}{2} + \frac{2}{2} + \frac{1}{2} = \frac{7}{2}$
- 3) $\frac{9}{9} + \frac{4}{9} = 1\frac{4}{9}$
- 4) $\frac{5}{5} + \frac{5}{5} + \frac{1}{5} = 2\frac{1}{5}$
- 5) $\frac{15}{16}$
- 6) $\frac{4}{16} = \frac{1}{4}$
- 7) $\frac{16}{24} \div \frac{8}{8} = \frac{2}{3}$
- 8) $\frac{28}{35} \div \frac{7}{7} = \frac{4}{5}$
- 9) $\frac{54}{63} \div \frac{9}{9} = \frac{6}{7}$
- 10) done
- 11) done
- 12) $10 \times 10 = 100$ sq. in.
- 13) $10 + 10 + 10 + 10 = 40$ in.
- 14) $5 \times 5 = 25$ sq. mi.
- 15) $5 + 5 + 5 + 5 = 20$ mi.
- 16) 3×31
- 17) 44: 2, 4, 11, 22, 44
55: 5, 11, 55
GCF = 11
- 18) $\frac{2}{16} = \frac{1}{8}$
 $\frac{7}{8} \div \frac{1}{8} = \frac{7+1}{1} = 7$

15E

- 1) $\frac{6}{6} + \frac{5}{6} = \frac{11}{6}$
- 2) $\frac{9}{9} + \frac{9}{9} + \frac{9}{9} + \frac{4}{9} = \frac{31}{9}$
- 3) $\frac{8}{8} + \frac{7}{8} = 1\frac{7}{8}$
- 4) $\frac{10}{10} + \frac{10}{10} + \frac{10}{10} + \frac{3}{10} = 3\frac{3}{10}$
- 5) $\frac{9}{16}$
- 6) $\frac{12}{16} = \frac{3}{4}$
- 7) $\frac{27}{45} \div \frac{9}{9} = \frac{3}{5}$
- 8) $\frac{44}{60} \div \frac{4}{4} = \frac{11}{15}$
- 9) $\frac{24}{30} \div \frac{6}{6} = \frac{4}{5}$
- 10) done
- 11) $11^2 = 121$ sq. mi.
- 12) $14^2 = 196$ sq. in.
- 13) $3 \times 3 \times 3 \times 3$
- 14) 18: 2, 3, 6, 9, 18
28: 2, 4, 7, 14, 28
GCF = 2
- 15) no
- 16) $\frac{1}{3} \times \frac{5}{6} = \frac{5}{18}$
- 17) $\$35 \times 175 = \$6,125$
- 18) $12 + 12 + 12 + 12 = 48$ mi.

15F

- 1) $\frac{8}{8} + \frac{3}{8} = \frac{11}{8}$
- 2) $\frac{7}{7} + \frac{7}{7} + \frac{7}{7} + \frac{2}{7} = \frac{23}{7}$
- 3) $\frac{7}{7} + \frac{4}{7} = 1\frac{4}{7}$
- 4) $\frac{6}{6} + \frac{6}{6} + \frac{6}{6} + \frac{6}{6} + \frac{4}{6} = 4\frac{4}{6}$
- 5) $\frac{6}{16} = \frac{3}{8}$
- 6) $\frac{5}{16}$
- 7) $\frac{50}{70} \div \frac{10}{10} = \frac{5}{7}$
- 8) $\frac{24}{36} \div \frac{12}{12} = \frac{2}{3}$
- 9) $\frac{3}{9} \div \frac{3}{3} = \frac{1}{3}$
- 10) $25^2 = 625$ sq. ft.
- 11) $2^2 = 4$ sq. in.
- 12) $17^2 = 289$ sq. ft.
- 13) done
- 14) 9
- 15) 100
- 16) 21: 3, 7, 21
24: 2, 3, 4, 6, 8, 12, 24
GCF = 3
- 17) yes
- 18) $2 \times 5 \times 5$
- 19) $\frac{3}{6} + \frac{4}{6} = \frac{7}{6} = 1\frac{1}{6}$
- 20) $8,925 \div 425 = 21$ days