

3B

- 1) $4/6$; four sixths
- 2) $3/5$; three fifths
- 3) $2/2$; two halves
- 4) $2/4$; two fourths
- 5) $4/4$
- 6) $5/6$
- 7) $4/5$
- 8) $4/6$
- 9) $2/4$
- 10) $1/3$
- 11) $1/4 + 1/4 = 2/4$
- 12) $10/10 - 1/10 = 9/10$
- 13) $2/5 + 2/5 = 4/5$
 $5/5 - 4/5 = 1/5$
- 14) $5/6 - 2/6 = 3/6$

3C

- 1) $1/3 + 2/3 = 3/3$
three thirds
- 2) $6/6 - 3/6 = 3/6$
three sixths
- 3) $4/5$; four fifths
- 4) $1/4$; one fourth
- 5) done
- 6) $5/5$
- 7) $7/7$
- 8) $1/6$
- 9) $1/8$
- 10) $5/10$
- 11) $3/8 + 1/8 = 4/8$ tsp.
- 12) $3/12 + 2/12 = 5/12$
- 13) $12/12 - 5/12 = 7/12$
- 14) $9/10 - 5/10 = 4/10$

3D

- 1) $1/4 + 1/4 = 2/4$
two fourths
- 2) $5/6 - 1/6 = 4/6$
four sixths
- 3) $2/2$
- 4) $9/10$
- 5) $4/6$
- 6) $3/6$
- 7) $1/4$
- 8) $2/9$
- 9) $10 \div 5 = 2$
 $2 \times 4 = 8$
- 10) $40 \div 8 = 5$
 $5 \times 5 = 25$
- 11) $49 \div 7 = 7$
 $7 \times 2 = 14$
- 12) done
- 13) $3 + 4 + 5 = 12'$
- 14) $54 + 39 + 78 = 171'$
- 15) $4/9 + 1/9 = 5/9$
- 16) $3/8 + 2/8 = 5/8$
 $8/8 - 5/8 = 3/8$
- 17) $1/2$ of $16 = 8$
- 18) $5/6$ of $24 = 20$

3E

- 1) $3/5$; three fifths
- 2) $1/3$; one third
- 3) $2/5$
- 4) $4/4$
- 5) $7/8$
- 6) $3/5$
- 7) $2/6$
- 8) $5/10$
- 9) $12 \div 4 = 3$
 $3 \times 3 = 9$
- 10) $40 \div 5 = 8$
 $8 \times 2 = 16$
- 11) $14 \div 7 = 2$
 $2 \times 5 = 10$
- 12) $6 + 6 + 10 = 22'$
- 13) $28 + 16 + 28 + 16 = 88$ yds
- 14) $17 + 17 + 17 + 17 = 68''$
- 15) $3/8 + 4/8 = 7/8$
- 16) $2/4 + 1/4 = 3/4$
 $4/4 - 3/4 = 1/4$
- 17) 1 flower bed:
 $6 + 8 + 12 = 26'$
 $26 \times 2 = 52'$
- 18) $2/5 + 1/5 = 3/5$
- 19) $3/5$ of $10 = 6$ eaten
 $10 - 6 = 4$ left
- 20) $\$3.15 + \$.95 + \$1.25 = \5.35

3F

- 1) $3/6 + 2/6 = 5/6$
five sixths
- 2) $4/4 - 2/4 = 2/4$
two fourths
- 3) $2/3$
- 4) $3/5$
- 5) $7/11$
- 6) $1/9$
- 7) $5/7$
- 8) $2/3$
- 9) $28 \div 7 = 4$
 $4 \times 3 = 12$
- 10) $27 \div 3 = 9$
 $9 \times 1 = 9$
- 11) $36 \div 4 = 9$
 $9 \times 3 = 27$
- 12) $63 + 87 + 48 = 198'$
- 13) $35 + 18 + 35 + 18 = 106$ yds
- 14) $81 + 81 + 81 + 81 = 324''$
- 15) $1/5 + 3/5 = 4/5$
- 16) $4/5$ of $10 = 8$
 $10 - 8 = 2$
- 17) $3/3 - 1/3 = 2/3$
- 18) $16 + 16 + 16 = 48'$
- 19) $\$17.45 - \$3.19 = \$14.26$
- 20) $1/6$ of $12 = 2$

4A

- 1) done
- 2) $\frac{1}{5} = \frac{2}{10} = \frac{3}{15} = \frac{4}{20} = \frac{5}{25}$
one fifth=two tenths=three
fifteenths=four twentieths =
five twenty-fifths
- 3) $\frac{2}{3} = \frac{4}{6} = \frac{6}{9} = \frac{8}{12} = \frac{10}{15}$
two thirds = four sixths = six
ninths = eight twelfths = ten
fifteenths
- 4) $\frac{3}{6} = \frac{6}{12} = \frac{9}{18} = \frac{12}{24} = \frac{15}{30}$
three sixths=six twelfths=
nine eightenths=twelve
twenty-fourths=fifteen
thirtieths
- 5) done
- 6) $\frac{3}{5} = \frac{6}{10} = \frac{9}{15} = \frac{12}{20}$

Test 1

- 1) $\frac{1}{2}$ of 12 is 6
- 2) $\frac{3}{4}$ of 16 is 12
- 3) $15 \div 3 = 5$; $5 \times 1 = 5$
- 4) $20 \div 5 = 4$; $4 \times 2 = 8$
- 5) $16 \div 8 = 2$; $2 \times 1 = 2$
- 6) $8 \div 4 = 2$; $2 \times 3 = 6$
- 7) $10 \div 2 = 5$; $5 \times 1 = 5$
- 8) $36 \div 6 = 6$; $6 \times 3 = 18$
- 9) $49 \div 7 = 7$; $7 \times 2 = 14$
- 10) $40 \div 5 = 8$; $8 \times 4 = 32$
- 11) $8 + 5 + 8 + 5 = 26''$
- 12) $24 + 12 + 24 + 12 = 72'$
- 13) $55 + 32 + 55 + 32 = 174''$
- 14) $18 \div 6 = 3$; $3 \times 1 = 3$
- 15) $\$14.58 + \$6.75 = \$21.33$
- 16) $\$25.00 - \$21.33 = \$3.67$
- 17) $14 \div 7 = 2$; $2 \times 2 = 4$
- 18) $12 + 15 + 12 + 15 = 54'$

Test 2

- 1) $\frac{3}{4}$; three fourths
- 2) $\frac{1}{5}$; one fifth
- 3) $\frac{3}{6}$; three sixths
- 4) $\frac{4}{5}$; 5 sections, 4 shaded
- 5) $\frac{1}{3}$; 3 sections, 1 shaded
- 6) one half; 2 sections, 1 shaded
- 7) $25 \div 5 = 5$; $5 \times 2 = 10$
- 8) $80 \div 10 = 8$; $8 \times 1 = 8$
- 9) $42 \div 7 = 6$; $6 \times 3 = 18$
- 10) $81 + 32 + 81 + 32 = 226$ yds
- 11) $28 + 28 + 28 + 28 = 112'$
- 12) $\frac{3}{5}$ of 35 = 21
- 13) $10 + 10 + 10 + 10 = 40'$
- 14) $\frac{1}{5}$ of 40 = 8'
- 15) $\$16.45 - \$5.30 = \$11.15$

Test 3

- 1) $\frac{1}{6} + \frac{4}{6} = \frac{5}{6}$ or five sixths
- 2) $\frac{3}{4} - \frac{1}{4} = \frac{2}{4}$ or two fourths
- 3) $\frac{5}{5}$
- 4) $\frac{5}{6}$
- 5) $\frac{8}{10}$
- 6) $\frac{2}{8}$
- 7) $\frac{6}{9}$
- 8) $\frac{1}{3}$
- 9) $24 \div 8 = 3$; $3 \times 1 = 3$
- 10) $10 \div 5 = 2$; $2 \times 4 = 8$
- 11) $20 \div 10 = 2$; $2 \times 4 = 8$
- 12) $54 + 59 + 98 = 211'$
- 13) $12 + 8 + 12 + 8 = 40$ yds
- 14) $16 + 16 + 16 + 16 = 64''$
- 15) $\frac{1}{6} + \frac{2}{6} = \frac{3}{6}$
- 16) $\frac{3}{3} - \frac{2}{3} = \frac{1}{3}$
- 17) $12 \div 4 = 3$; $3 \times 3 = 9$
- 18) $\frac{1}{6} + \frac{2}{6} = \frac{3}{6}$
 $\frac{3}{6}$ of 12 = 6
- 19) $\frac{6}{6} - \frac{3}{6} = \frac{3}{6}$
 $\frac{3}{6}$ of 12 = 6
- 20) $\$15.50 + \$5.25 + \$10 = \30.75

Test 4

- 1) $\frac{3}{4} = \frac{6}{8} = \frac{9}{12} = \frac{12}{16} = \frac{15}{20}$
- 2) $\frac{1}{5} = \frac{2}{10} = \frac{3}{15} = \frac{4}{20}$
- 3) $\frac{5}{6} = \frac{10}{12} = \frac{15}{18} = \frac{20}{24}$
- 4) $\frac{3}{7} = \frac{6}{14} = \frac{9}{21} = \frac{12}{28}$
- 5) $\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8}$
- 6) $\frac{3}{5}$
- 7) $\frac{7}{8}$
- 8) $\frac{1}{9}$
- 9) $48 \div 8 = 6$; $6 \times 3 = 18$
- 10) $18 \div 6 = 3$; $3 \times 1 = 3$
- 11) $27 \div 3 = 9$; $9 \times 2 = 18$
- 12) 682
- 13) 594
- 14) 7,084
- 15) $\frac{1}{2} = \frac{2}{4}$
- 16) $\frac{1}{2}$ of 20 = 10 or
 $\frac{2}{4}$ of 20 = 10
- 17) $13 \times 12 = 156$
- 18) $11 + 11 + 11 + 11 = 44'$
- 19) $\frac{2}{7} + \frac{3}{7} = \frac{5}{7}$ read
 $\frac{7}{7} - \frac{5}{7} = \frac{2}{7}$ left
- 20) $\frac{2}{7}$ of 56 = 16