

16A

- 1) done
- 2) $4\frac{3}{10}$
- 3) $2\frac{1}{8}$
- 4) $1\frac{5}{8}$
- 5) $\frac{3}{8}$
- 6) $4\frac{3}{16}$

16B

- 1) $1\frac{4}{5}$
- 2) $3\frac{1}{5}$
- 3) $4\frac{3}{4}$
- 4) $2\frac{7}{16}$
- 5) $1\frac{1}{2}$
- 6) $3\frac{1}{4}$

16C

- 1) $2\frac{4}{10} = 2\frac{2}{5}$
- 2) $1\frac{6}{10} = 1\frac{3}{5}$
- 3) $\frac{1}{2}$
- 4) $3\frac{9}{16}$
- 5) $4\frac{3}{4}$
- 6) $2\frac{7}{8}$

16D

- 1) $3\frac{9}{10}$
- 2) $\frac{8}{8} + \frac{8}{8} + \frac{6}{8} = \frac{22}{8}$
- 3) $\frac{6}{6} + \frac{6}{6} + \frac{6}{6} + \frac{1}{6} = \frac{19}{6}$
- 4) $\frac{5}{5} + \frac{2}{5} = 1\frac{2}{5}$
- 5) $\frac{8}{8} + \frac{8}{8} + \frac{3}{8} = 2\frac{3}{8}$
- 6) $\frac{15}{30} + \frac{15}{15} = \frac{1}{2}$
- 7) $\frac{28}{70} + \frac{14}{14} = \frac{2}{5}$
- 8) $\frac{6}{9} + \frac{3}{3} = \frac{2}{3}$
- 9) $\frac{15}{40} + \frac{16}{40} = \frac{31}{40}$
- 10) $\frac{10}{14} - \frac{7}{14} = \frac{3}{14}$
- 11) $\frac{4}{8} + \frac{6}{8} + \frac{7}{8} = \frac{17}{8} = 2\frac{1}{8}$
- 12) done
- 13) $(1/2)(9)(12) = 54$ sq. in.
- 14) $(1/2)(30)(7) = 105$ sq. ft.
- 15) $3 \times 5 \times 5$
- 16) $15^2 = 225$ sq. ft.
- 17) $\frac{1}{2} \times \frac{4}{10} = \frac{4}{20} = \frac{1}{5}$
- 18) $3,279 \div 7 = 468\frac{3}{7}$

16E

- 1) $4\frac{1}{4}$
- 2) $\frac{10}{10} + \frac{10}{10} + \frac{1}{10} = \frac{21}{10}$
- 3) $\frac{3}{3} + \frac{3}{3} + \frac{3}{3} + \frac{2}{3} = \frac{11}{3}$
- 4) $\frac{9}{9} + \frac{8}{9} = 1\frac{8}{9}$
- 5) $\frac{2}{2} + \frac{2}{2} + \frac{1}{2} = 2\frac{1}{2}$
- 6) $\frac{20}{32} + \frac{8}{32} = \frac{20+8}{1} = \frac{20}{8} = \frac{5}{2} = 2\frac{1}{2}$
- 7) $\frac{10}{14} + \frac{7}{14} = \frac{10+7}{1} = \frac{10}{7} = 1\frac{3}{7}$
- 8) $\frac{6}{8} + \frac{4}{8} = \frac{6+4}{1} = \frac{6}{4} = \frac{3}{2} = 1\frac{1}{2}$
- 9) $\frac{1}{5} = \frac{2}{10} = \frac{3}{15}$
- 10) $\frac{3}{4} = \frac{6}{8} = \frac{9}{12}$
- 11) $\frac{4}{7} = \frac{8}{14} = \frac{12}{21}$
- 12) $(1/2)(6)(4) = 12$ sq. ft.
- 13) $(1/2)(8)(6) = 24$ sq. in.
- 14) $\frac{1}{2}(21)(5) = 52\frac{1}{2}$ sq. ft.
- 15) 15: 3, 5, 15
20: 2, 4, 5, 10, 20
GCF = 5
- 16) $15 \times 15 = 225$
- 17) $\frac{1}{2} + \frac{1}{2} + \frac{1}{2} = \frac{3}{2} = 1\frac{1}{2}$ in.
- 18) $256 \times 38 = 9,728$ sq. yd.
- 19) $\frac{3}{15} + \frac{3}{3} = \frac{1}{5}$
- 20) $\frac{60}{72} < \frac{66}{72}$; Danny has mowed more

16F

- 1) $2\frac{3}{8}$
- 2) $\frac{4}{4} + \frac{4}{4} + \frac{3}{4} = \frac{11}{4}$
- 3) $\frac{7}{7} + \frac{7}{7} + \frac{7}{7} + \frac{5}{7} = \frac{26}{7}$
- 4) $\frac{6}{6} + \frac{5}{6} = 1\frac{5}{6}$
- 5) $\frac{10}{10} + \frac{10}{10} + \frac{7}{10} = 2\frac{7}{10}$
- 6) $\frac{1}{5} \times \frac{5}{6} = \frac{5}{30} + \frac{5}{5} = \frac{1}{6}$
- 7) $\frac{2}{3} \times \frac{4}{5} = \frac{8}{15}$
- 8) $\frac{1}{3} \times \frac{2}{8} = \frac{2}{24} + \frac{2}{2} = \frac{1}{12}$
- 9) $\frac{8}{12} < \frac{9}{12}$
- 10) $\frac{21}{56} > \frac{8}{56}$
- 11) $\frac{55}{99} > \frac{36}{99}$
- 12) $9 \times 3 = 27$ sq. ft.
- 13) $9 + 3 + 9 + 3 = 24$ ft.
- 14) $17^2 = 289$ sq. in.
- 15) $17 + 17 + 17 + 17 = 68$ in.
- 16) $(1/2)(16)(12) = 96$ sq. ft.
- 17) $12 + 16 + 20 = 48$ ft.
- 18) $2 \times 2 \times 5 \times 5$
- 19) $20 \times 20 = 400$
- 20) $\frac{80}{128} + \frac{8}{128} = \frac{80+8}{1} = 10$