

Unit 12.1

1. a) $\frac{1}{4}$ b) $\frac{8}{14}$ c) $\frac{3}{6}$ d) $\frac{5}{12}$ e) $\frac{9}{10}$ f) $\frac{4}{8}$
4. Alfredo 5. $\frac{5}{9}$ 6. a 7. $\frac{18}{32}; \frac{14}{32}$ 8. $\frac{4}{6}$
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Unit 12.2

1. a) $\frac{3}{9}$ b) $\frac{5}{10}$ c) $\frac{2}{6}$ d) $\frac{1}{7}$ e) $\frac{5}{9}$
2. a) $\frac{4}{5}$ b) $\frac{2}{3}$ c) $\frac{3}{7}$ d) $\frac{4}{15}$ e) $\frac{7}{9}$
- f) $\frac{8}{15}$ g) $\frac{4}{9}$ h) $\frac{5}{6}$ i) $\frac{6}{10}$ j) $\frac{9}{12}$
4. $\frac{5}{6}$ 5. b 6. Russell
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Unit 12.3

1. a) $3\frac{3}{4}$ b) $3\frac{2}{7}$ c) $5\frac{1}{6}$ d) $4\frac{1}{8}$ e) $6\frac{9}{11}$ f) $6\frac{5}{12}$
- g) $12\frac{9}{15}$ h) $14\frac{1}{16}$
2. a) $\frac{19}{4}$ b) $\frac{34}{5}$ c) $\frac{37}{13}$ d) $\frac{34}{8}$ e) $\frac{34}{6}$ f) $\frac{41}{4}$
- g) $\frac{573}{53}$ h) $\frac{461}{14}$ i) $\frac{371}{20}$ j) $\frac{436}{17}$ k) $\frac{760}{15}$ l) $\frac{99}{20}$
3. $\frac{11}{4}$ 4. $4\frac{2}{7}$ 5. a 6. $\frac{9}{4}$ and $2\frac{1}{4}$
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Unit 12.4

1. a) $\frac{6}{6}$ b) $\frac{3}{3}$ c) $\frac{7}{7}$ d) $\frac{6}{6}$ e) $\frac{11}{11}$ f) $\frac{4}{4}$
2. a) 6 b) 52 c) 7 d) 1 e) 7 f) 13
4. a 5. no 7. d
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Unit 12.5

1. a) $\frac{3}{5}$ b) $\frac{7}{8}$ c) $\frac{14}{17}$ d) $\frac{9}{28}$ 2. a) $\frac{1}{3}$ b) $\frac{2}{3}$
- c) $\frac{4}{5}$ d) $\frac{2}{5}$ 3. d 4. Elmer 5. $\frac{1}{15}$
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Unit 12.6

1. a) $\frac{1}{8}, \frac{1}{5}, \frac{1}{3}$ b) $\frac{2}{16}, \frac{2}{8}, \frac{2}{4}$ c) $\frac{1}{20}, \frac{2}{10}, \frac{4}{5}$
2. Mary 3. $\frac{2}{12}, \frac{2}{3}, \frac{3}{10}$ 4. b 5. $\frac{1}{2}, \frac{2}{5}, \frac{3}{10}$
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Unit 12.7

1. a) $\frac{3}{4}, 1\frac{5}{6}, 2\frac{1}{7}, 2\frac{3}{7}$ b) $\frac{9}{11}, 1\frac{5}{8}, 2\frac{3}{4}, 3\frac{1}{5}$ c) $1\frac{2}{5}, 2\frac{1}{5}, 5\frac{3}{8}, 5\frac{1}{2}$
d) $\frac{8}{11}, 3\frac{5}{9}, 3\frac{4}{7}, 7\frac{3}{4}$
2. Toni
3. $\frac{3}{4}, \frac{2}{3}, \frac{1}{12}$; Marco
4. b
5. $2\frac{4}{7}, 2\frac{1}{2}, 1\frac{3}{5}, \frac{7}{13}$

Unit 12.8

1. $\frac{7}{28}$
2. 4
3. $3\frac{1}{8}$
4. $\frac{42}{54} \times \frac{2}{2} = \frac{84}{108}; \frac{84}{108} \div \frac{2}{2} = \frac{42}{54}$
5. $\frac{2}{3}$
6. $\frac{1}{2}, \frac{1}{4}, \frac{1}{6}, \frac{1}{12}$
8. Sunday; $\frac{4}{5}, 2\frac{1}{6}, 3\frac{2}{9}, 3\frac{7}{11}$