

Chapter 7 BLM Answers

BLM 7-2 Add and Subtract Fractions

- a) 9, 10, 11 b) 658, 659
c) 40, 41 d) 4, 6
e) 490 f) 100, 110, 120
g) 60, 66
- a) $\frac{3}{4}$ b) $\frac{5}{8}$ c) $\frac{6}{16} = \frac{3}{8}$
- a) $\frac{1}{4}$ b) $\frac{3}{4}$ c) $\frac{3}{8}$
- a) 7 b) 5 c) 1
- a) Answers may vary. Look for fractions between $\frac{1}{2}$ and 1.
b) Answer should be one of $\frac{5}{8}$, $\frac{6}{8}$, or $\frac{7}{8}$.
- $\frac{1}{8}$, $\frac{2}{8}$, $\frac{3}{8}$ 7. $\frac{1}{10}$, $\frac{1}{12}$, $\frac{1}{14}$
- $\frac{1}{5}$. Answers may vary but should suggest that 1 is being divided into fewer groups.
- a) 1 b) 7 c) 20
- a) $\frac{2}{4}$ and $\frac{3}{6}$
b) Ten answers are possible:
 $\frac{3}{2}$, $\frac{4}{2}$, $\frac{5}{2}$, $\frac{6}{2}$, $\frac{4}{3}$, $\frac{5}{3}$, $\frac{6}{3}$, $\frac{5}{4}$, $\frac{6}{4}$, $\frac{6}{5}$
- a) B, C, D b) E, F

BLM 7-3 Section 7.1 Extra Practice

- a) 3: 3, 6, 9, (12), 15
4: 4, 8, (12), 16, 20
b) 4: 4, 8, (12), 16, 20
6: 6, (12), 18, 24, 30
c) 2: 2, 4, (6), 8, 10
3: 3, (6), 9, 12, 15
d) 6: 6, 12, 18, (24), 30
8: 8, 16, (24), 32, 40
- a) 6: 6 b) 5: 5, 10, 15, 20 c) 7: 7, 14, 21
- Answers may vary. For example:
a) $\frac{10}{12}$ b) $\frac{14}{18}$ c) $\frac{2}{3}$ d) $\frac{22}{30}$

BLM 7-5 Section 7.2 Extra Practice

- a) $\frac{5}{6}$ b) $\frac{2}{3}$ c) $\frac{13}{24}$ d) $\frac{19}{20}$
- a) $\frac{1}{4}$ b) $\frac{3}{8}$ c) $\frac{7}{15}$ d) $\frac{11}{18}$

BLM 7-7 Section 7.3 Extra Practice

2. add the fractions
3. reduce to lowest terms
1. add the whole numbers
- Steps: f, c, d, e, b, a
- a) $2\frac{1}{5} + 5\frac{2}{5} = 2 + 5 + \frac{1}{5} + \frac{2}{5}$
 $= 7 + \frac{1+2}{5}$
 $= 7\frac{3}{5}$
b) $10\frac{1}{4}$ c) $12\frac{3}{4}$ d) $10\frac{3}{8}$ e) $11\frac{53}{60}$

BLM 7-9 Section 7.4 Extra Practice

- a) 2 b) 4 c) 7 d) 100
- a) $3\frac{1}{2}$ b) $6\frac{1}{2}$ c) $2\frac{1}{4}$
- Estimates may vary.
a) $2\frac{5}{8}$ b) $3\frac{1}{12}$ c) $4\frac{1}{6}$
- a) $1\frac{3}{4}$ b) $\frac{11}{12}$ c) $3\frac{1}{3}$
- a) $2\frac{7}{8}$ b) $2\frac{2}{3}$ c) $\frac{13}{15}$

BLM 7-11 Chapter 7 Test

- B multiple 2. C mixed number
- A common denominator
- D improper fraction 5. C mixed number
- C 7. D 8. A 9. $\frac{5}{6}$ cup
- a) $2\frac{2}{5} - 2\frac{1}{5} = \frac{1}{5}$ b) $\frac{3}{4} + 1\frac{3}{8} = 2\frac{1}{8}$
- a) $1\frac{1}{6}$ b) $1\frac{5}{12}$ c) $6\frac{3}{7}$ d) $11\frac{4}{5}$
e) $1\frac{1}{5}$ f) $\frac{5}{12}$ g) $1\frac{1}{2}$ h) $2\frac{13}{35}$
- $3\frac{11}{12}$ h 13. $1\frac{17}{20}$ h
- a) more b) Gerry: $\frac{9}{16}$; Raymond: $\frac{3}{8}$