

Extra Practice 9 – Answers

1. 15 2. -24 3. -2 4. -21 5. 20 6. -32 7. 54 8. -30
9. -18 10. 4 11. 1 12. 21 13. 36 14. -30 15. 30 16. -60
17. 40 18. 54 19. 0 20. -100 21. 4 22. -5 23. -4 24. -2
25. -7 26. 4 27. 2 28. -2 29. 3 30. 3 31. -5 32. 0
33. 2 34. -3 35. 6 36. -6 37. 9 38. -9 39. 5 40. 10
41. -160 42. -132 43. -75 44. 140 45. 195 46. 294 47. -176
48. 1288 49. -6500 50. -9600 51. -540 52. 0 53. 256
54. -170 55. 3000 56. -225 57. 280 58. -36 59. 900 60. 0
61. 1250 62. -210 63. 100 64. -480 65. 720 66. -286
67. -1188 68. 2 69. -25 70. -3 71. 165 72. -1 73. -4
74. -12 75. 101 76. -50 77. 16 78. 0 79. -20 80. 4
81. 16 82. -20 83. -21 84. 1 85. -4 86. -23 87. -569
88. -16 89. -410 90. 32 91. -3 92. -250

2

Extra Practice 10

1. 2, 3, 6, 9 2. 3, 5 3. 2, 5, 10 4. 5 5. 2, 4 6. None 7. 2, 4, 5, 8, 10
8. 2, 3, 4, 5, 6, 9, 10 9. 2, 3, 4, 6, 9 10. 2, 3, 4, 6, 8 11. 3, 5, 9 12. 3, 9
13. 2, 3, 4, 5, 6, 8, 10 14. 2, 3, 4, 6 15. 2, 3, 6 16. 2, 4, 8
17. 2, 3, 4, 5, 6, 8, 10 18. 2, 3, 5, 6, 9, 10 19. None 20. 2

Extra Practice 11

1. $2 \cdot 3 \cdot 3 \cdot 3 \cdot 7$ 2. $3 \cdot 5 \cdot 11 \cdot 19$ 3. $2 \cdot 5 \cdot 5 \cdot 11$
4. $5 \cdot 5 \cdot 5 \cdot 5$ 5. $2 \cdot 2 \cdot 11 \cdot 13$ 6. $7 \cdot 11 \cdot 13$
7. $2 \cdot 2 \cdot 2 \cdot 5 \cdot 7$ 8. $2 \cdot 2 \cdot 2 \cdot 5 \cdot 7$ 9. $2 \cdot 2 \cdot 3 \cdot 3 \cdot 17$
10. $2 \cdot 2 \cdot 2 \cdot 3 \cdot 7 \cdot 11$ 11. $3 \cdot 3 \cdot 3 \cdot 3 \cdot 5 \cdot 5$ 12. $3 \cdot 3 \cdot 3 \cdot 19$
13. $2 \cdot 2 \cdot 2 \cdot 3 \cdot 5 \cdot 11$ 14. $2 \cdot 2 \cdot 3 \cdot 31$ 15. $2 \cdot 3 \cdot 23$
16. $2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2$ 17. $2 \cdot 2 \cdot 2 \cdot 3 \cdot 5 \cdot 5 \cdot 5$
18. $2 \cdot 3 \cdot 3 \cdot 5 \cdot 5 \cdot 19$ 19. Prime 20. $2 \cdot 73$

Extra Practice 12

1. $-\frac{7}{6}$ 2. $\frac{9}{40}$ 3. $-\frac{11}{24}$ 4. $-\frac{5}{12}$ 5. $\frac{13}{72}$ 6. $\frac{7}{30}$ 7. $-\frac{4}{5}$
8. $-\frac{1}{2}$ 9. $\frac{1}{24}$ 10. $\frac{49}{60}$ 11. $-\frac{9}{14}$ 12. $\frac{7}{18}$ 13. $-\frac{2}{3}$ 14. $-\frac{21}{10}$
15. $\frac{2}{5}$ 16. $-\frac{2}{7}$ 17. -16 18. $\frac{2}{7}$ 19. $-\frac{14}{3}$ 20. $-\frac{3}{4}$ 21. 4
22. $-\frac{5}{6}$ 23. -1 24. $\frac{2}{3}$

Extra Practice 13

1. $\frac{21}{32}$ 2. 2 3. $\frac{7}{5}$ 4. $\frac{5}{4}$ 5. $\frac{20}{3}$ 6. $\frac{20}{7}$ 7. $\frac{11}{6}$
8. $\frac{3}{28}$ 9. $\frac{16}{33}$ 10. $\frac{3}{2}$ 11. $\frac{1}{15}$ 12. $\frac{2}{3}$ 13. 13 14. $\frac{1}{13}$
15. $\frac{93}{70}$ 16. $\frac{3}{16}$ 17. $\frac{1}{6}$ 18. $\frac{19}{30}$ 19. $\frac{2}{3}$ 20. $4\frac{3}{7}$ 21. $\frac{119}{100}$
22. $\frac{3}{20}$ 23. 20 24. $\frac{19}{24}$ 25. $\frac{1}{3}$ 26. $\frac{1}{7}$ 27. 7 28. $\frac{1}{10}$
29. $\frac{1}{48}$ 30. $10\frac{2}{5}$

Extra Practice 14

1. $\frac{7}{12}$ c of pancake mix, $\frac{5}{12}$ c of water, $\frac{1}{3}$ egg, $\frac{1}{6}$ c bran cereal, and $\frac{2}{3}$ T oil. For $\frac{7}{12}$ c use a little more than $\frac{1}{2}$ c and for $\frac{5}{12}$ c, use a little less than $\frac{1}{2}$ c. One way to measure the egg would be to beat it and measure.

2. Tamale pie, $\frac{1}{5}$ 3. $\frac{1}{4}$, $12\frac{1}{2}$ lb. 4. 141,667 5. \$6230 6. $\$27\frac{3}{4}$
7. $\frac{7}{24}$ yd 8. $\frac{1}{12}$ ft 9. 17 mi 10. 40 g 11. $\frac{5}{8}$
12. $\frac{3}{8}$ lb, more 13. 9 14. \$12,800 15. \$285 16. 3 in. 17. 20
18. $\frac{9}{16}$ in., $\frac{1}{16}$ in. 19. $4\frac{1}{2}$ acres 20. Less, $\frac{8}{9}$ yd

Extra Practice 15

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|---------------------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 1. 80 | 2. 135 | 3. 40 | 4. 25 | 5. 100 | 6. 27 | 7. $\frac{3}{2}$ |
| 8. $\frac{2}{9}$ | 9. $\frac{10}{27}$ | 10. 3 | 11. $\frac{3}{8}$ | 12. $\frac{15}{8}$ | 13. $\frac{1}{6}$ | 14. 7 |
| 15. $\frac{14}{15}$ | 16. $\frac{99}{2}$ | 17. $\frac{51}{2}$ | 18. 22 | 19. $\frac{2}{3}$ | 20. 0 | 21. $\frac{7}{6}$ |
| 22. $\frac{9}{10}$ | 23. 5 | 24. $\frac{1}{7}$ | 25. $\frac{15}{2}$ | 26. 150 | 27. $\frac{11}{4}$ | 28. $\frac{1}{10}$ |
| 29. $\frac{1}{7}$ | 30. $\frac{20}{27}$ | | | | | |

Extra Practice 16

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|--------------------|---------------------|--------------------|---------------------|---------------------|---------------------|---------------------|
| 1. $\frac{1}{18}$ | 2. $\frac{19}{20}$ | 3. $\frac{11}{10}$ | 4. $\frac{13}{35}$ | 5. $\frac{4}{21}$ | 6. $\frac{86}{45}$ | 7. $-\frac{14}{15}$ |
| 8. $\frac{5}{6}$ | 9. $\frac{2}{5}$ | 10. 2 | 11. $\frac{13}{5}$ | 12. $\frac{21}{44}$ | 13. $\frac{16}{3}$ | 14. 2 |
| 15. $\frac{4}{7}$ | 16. 0 | 17. 0 | 18. $\frac{7}{12}$ | 19. $\frac{14}{9}$ | 20. $\frac{1}{2}$ | 21. 4 |
| 22. $\frac{9}{26}$ | 23. $\frac{1}{7}$ | 24. 2 | 25. $\frac{53}{10}$ | 26. $\frac{2}{9}$ | 27. $\frac{75}{22}$ | 28. 1 |
| 29. 0 | 30. $\frac{31}{39}$ | | | | | |

Extra Practice 17

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|------------------|---------|--------------------|---------------------|--------------------|---------------------|------------------|
| 1. 61 | 2. 194 | 3. -182 | 4. 32 | 5. -87 | 6. $-\frac{4}{3}$ | 7. $\frac{1}{8}$ |
| 8. $\frac{5}{6}$ | 9. -4 | 10. 8 | 11. $-6\frac{2}{5}$ | 12. -144 | 13. $-\frac{8}{15}$ | 14. 14 |
| 15. -18 | 16. 184 | 17. 3 | 18. 118 | 19. $\frac{1}{10}$ | 20. $-2\frac{1}{2}$ | 21. 62 |
| 22. -180 | 23. -1 | 24. $-\frac{2}{3}$ | 25. $-\frac{11}{8}$ | 26. -55 | 27. 1 | |

Extra Practice 18

1. $9\frac{5}{7}$
2. $3\frac{4}{15}$
3. $8\frac{1}{2}$
4. $1\frac{3}{4}$
5. $3\frac{2}{15}$
6. $9\frac{1}{5}$
7. $13\frac{5}{6}$
8. 8
9. $4\frac{5}{7}$
10. $10\frac{1}{5}$
11. $18\frac{11}{16}$
12. 13
13. 6
14. $6\frac{1}{12}$
15. $5\frac{7}{12}$
16. $4\frac{3}{16}$
17. $17\frac{3}{8}$
18. 35
19. $5\frac{5}{44}$
20. 1
21. 0
22. $41\frac{3}{8}$
23. $36\frac{13}{24}$
24. $48\frac{4}{7}$
25. $61\frac{1}{5}$
26. $13\frac{13}{21}$
27. 0
28. $\frac{47}{60}$
29. $26\frac{8}{9}$
30. $128\frac{1}{4}$

Extra Practice 19

1. \$902.17
2. \$526.09
3. 7.9 sq. in
4. 233.4 mi
5. 15.3 mi per gal
6. \$17.50
7. 40
8. 45.5 in
9. Yes, 0.2 m left
10. 1.31 g
11. 5
12. Belinda, 7 cents
13. \$27
14. 0.6 ft.
15. 43
16. \$171.50
17. 7.5 megabytes
18. 880
19. 25,000
20. 0.012 in.