

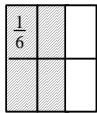
# Answer Key

1. 10
2. 15
3. 7
4. 18
5. 8
6.  $\square = 2$



As you can see, two  $\frac{1}{4}$ 's make the same as  $\frac{1}{2}$ , so we can conclude that  $\frac{1}{2} = \frac{2}{4}$ .

7.  $\square = 4$



Four  $\frac{1}{6}$ 's make the same as  $\frac{2}{3}$ , we can conclude:

$$\frac{2}{3} = \frac{4}{6}$$

8.  $\frac{2}{5} = \frac{4}{10}$   
 $\square = 4$

9.  $\frac{2}{3} = \frac{6}{9}$   
 $\square = 1$

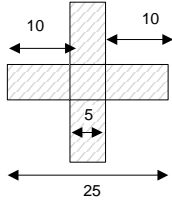
10.  $\frac{3}{5} = \frac{6}{10}$   
 $\square = 3$

11. 108
12. 12
13. 108
14. 2
15. 120
16. 14
17. 42
18. 12
19. 31
20. 44
21. 51
22. 34
23. 17
24. 52
25. 26
26. 286
27. 504
28. 595

29. 735
30. 792
31. 6
32. 4
33. 3
34. 4
35. 2
36. 2
37. 8
38. 14
39. 5
40. 8
41.  $12 + 19 = 31$
42.  $157 + 149 = 306$
43.  $90 + 75 = 165$  (min)
44.  $90 - 33 = 57$
45.  $80 - 16 = 64$
46.  $84 - 6 = \underline{78}$
47.  $4 \times 5 = 20$
48.  $83 + 57 = 140$   
 $2 \times 140 = \underline{\$280}$
49.  $9 \times 6 = \$54$
50.  $6 \times 14 = 84$
51.  $30 \times 12 = 360$
52.  $2 \times 3 = 6$  mi
53.  $60 \div 10 = 6$   
 $6 \times 3 = \underline{18}$
54.  $15 \div 3 = 5$  hr
55.  $12 - 4 = 8$
56.  $32 \div 4 = \$8$
57.  $56 \div 4 = 14$  (mph)
58.  $420 \div 4 = 105$   
 $420 - 105 = \underline{315}$
59.  $20 \times 30 \div 2 = 600 \div 2$   
 $= \underline{300 \text{ in}^2}$

**MAP 230 (T2) Issue 2** (Winter packet included)

60.  $5 \times 5 = 25$  (central square)  
 $4 \times 10 \times 5 = 200$  (corner rectangle)  
 $25 + 200 = \underline{225 \text{ cm}^2}$



61. 1,000,000

62. 4  
63. Friday  
64.  $\frac{12}{95}$   
65. 2  
66. 4422  
67.  $\frac{5}{7}$   
68. 13  
69. 32  
70. -6

# Answer Key

- |   |  |
|---|--|
| 1. 15   | 38. 4  |
| 2. 7  | 39. 3  |
| 3. 30   | 40. 15   |
| 4. 18   | 41. $6 \times 3 = 18$                                |
| 5. 8  | 42. $12 \div 6 = 2$                                  |
| 6. $7 \times 2 = 14$ , $14 + 1 = 15$ , so $7\frac{1}{2} = \frac{15}{2}$ | 43. $20 \div 6 = 3 \text{ R } 2$<br>$3 + 1 = 4$      |
| 7. $16 \div 3 = 5 \text{ R } 1$ , so $\frac{16}{3} = 5\frac{1}{3}$      | 44. $32 + 27 = 59$                                   |
| 8. $1 = \frac{6}{6} \square = 6$  | 45. $6 + 44 = 50$ (lb)                               |
| 9. $2 = 1\frac{5}{5} \square = 5$                                       | 46. $19 + 47 = 66$                                   |
| 10. $6 = 4\frac{6}{3} \square = 6$                                      | 47. $140 - 104 = 36$                                 |
| 11. 72  | 48. $43 - 25 = 18$<br>$25 - 18 = 7$                  |
| 12. 25  | 49. $20 \div 5 = 4$                                  |
| 13. 900   | 50. $4 \times 240 = 960$ lb                          |
| 14. 9.6   | 51. $4 \times 45 = 180$ kg                           |
| 15. 3150  | 52. $60 \times 10 \times 2 = 1200$                   |
| 16. 39  | 53. $125 \times 4 = 500$                             |
| 17. 28  | 54. $40 \div 5 = 8$                                  |
| 18. 19  | 55. $18 \div 3 = 6$<br>$6 + 5 = 11$<br>$11 + 5 = 16$ |
| 19. 24  | 56. 6 faces  |
| 20. 57  | 57. 12 edges   |
| 21. 52  | 58. 8 vertices                                       |
| 22. 39  | 59. $10 \times 5 \times 2 = 100 \text{ in}^3$        |
| 23. 26  | 60. OF ROOT BEER (spell it out with space)           |
| 24. 79  | 61. 264  |
| 25. 53  | 62. 60   |
| 26. 918   | 63. 2  |
| 27. 945   | 64. $\frac{5}{7}$                                    |
| 28. 928   | 65. 90   |
| 29. 1512  | 66. 1440   |
| 30. 1665  | 67. 120  |
| 31. 3   | 68. 1  |
| 32. 4   | 69. $\sqrt{3}$                                       |
| 33. 5   | 70. 220  |
| 34. 6   |  |
| 35. 7   |  |
| 36. 6   |  |
| 37. 6   |  |