

CHAPTER 1: Place Value of Whole Numbers:

1. 1876 2. 1837 3. 1788 4. 1907 5. 4,778,332
6. 20,044,141 7. 7,650,789 8. 3,316,154
9. 15,111,244 10. 4,369,862 11. 3,960,825
12. 5,250,446 13. 200,000 14. 4,000,000
15. 6,000

CHAPTER 1: Round Whole Numbers:

1. 5,308,000 2. 7,240,000 3. 9,638,000
4. 12,861,000 5. 17,063,000 6. 23,192,000
7. 31,443,000 8. 38,558,000 9. 50,189,000
10. 62,980,000 11. 76,210,000 12. 92,230,000
13. 106,020,000 14. 123,200,000 15. 132,160,000
16. 151,330,000 17. 179,320,000
18. 203,300,000 19. 226,540,000
20. 248,710,000

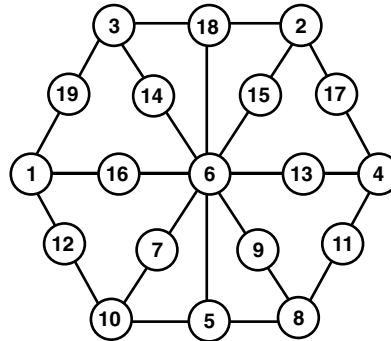
CHAPTER 2: Words and Equations/Mental Math:

1. Possible Equation: $10n = 70$,
Mystery Number: 7
2. Possible Equation: $\frac{n}{9} = 6$,
Mystery Number: 54
3. Possible Equation: $11n = 99$,
Mystery Number: 9
4. Possible Equation: $\frac{n}{12} = 8$,
Mystery Number: 96
5. Possible Equation: $\frac{49}{n} = 7$,
Mystery Number: 7
6. Possible Equation: $5n = 95$
Mystery Number: 19
7. Possible Equation: $\frac{n}{15} = 2$,
Mystery Number: 30
8. Possible Equation: $\frac{48}{n} = 6$
Mystery Number: 8
9. Possible Equation: $30n = 6,000$,
Mystery Number: 200
10. Possible Equation: $\frac{n}{4} = 9$,
Mystery Number: 36

CHAPTER 2: Evaluate Expressions:

1.–19.

Figure 2



The sum is 23.

CHAPTER 3: Decimals and Whole Numbers:

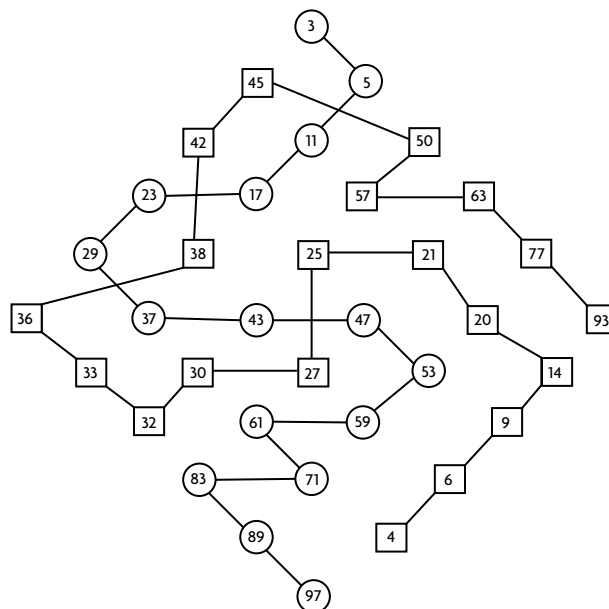
1. 0.50 2. 0.25 3. 0.05 4. 0.55 5. \$63.67
6. \$ 125.44

CHAPTER 3: Decimals:

1. Seventy-eight and $\frac{53}{100}$ 2. One thousand, nine hundred twenty-five and $\frac{25}{100}$ 3. \$63.70
4. \$125.40 5. \$78.50 6. \$1,925.30 7. \$64
8. \$125 9. \$79 10. \$1,925

CHAPTER 4: Prime and Composite:

1.–4.



5. 16 6. 20 7. 4

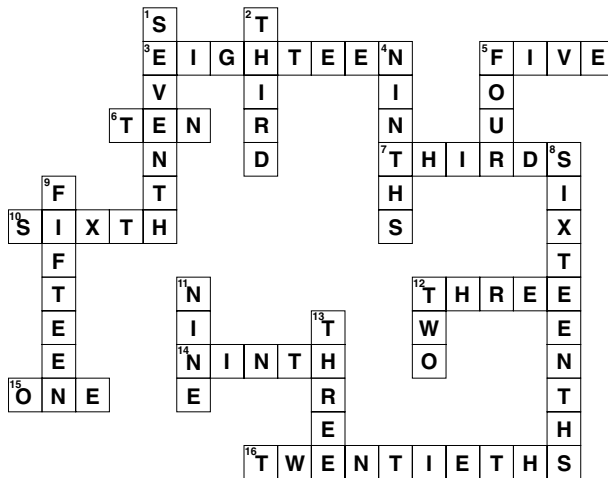
CHAPTER 4: Multiples and Factors:

1. 1, 3, 5, 15 2. 1, 3, 7, 9, 21, 63 3. 1, 2, 3, 4, 6, 9, 12, 18, 36 4. 6, 12, 18, 24, 30 5. 7, 14, 21, 28, 35 6. 10, 20, 30, 40, 50 7. Factors: 1, 11, Multiples: 11, 22, 33, 44, 55 8. Factors: 1, 3, 9, Multiples: 9, 18, 27, 36, 45 9. Factors: 1, 2, 3, 4, 6, 12, Multiples: 12, 24, 36, 48, 60

CHAPTER 5: Fraction Operations:

1. I 2. T 3. E 4. N 5. B 6. Y 7. L 8. R 9. A
10. C 11. M 12. U 13. O 14. G 15. S
Solution: ALGEBRA, GEOMETRY,
TRIGONOMETRY, and CALCULUS

CHAPTER 5: Fraction Operations:



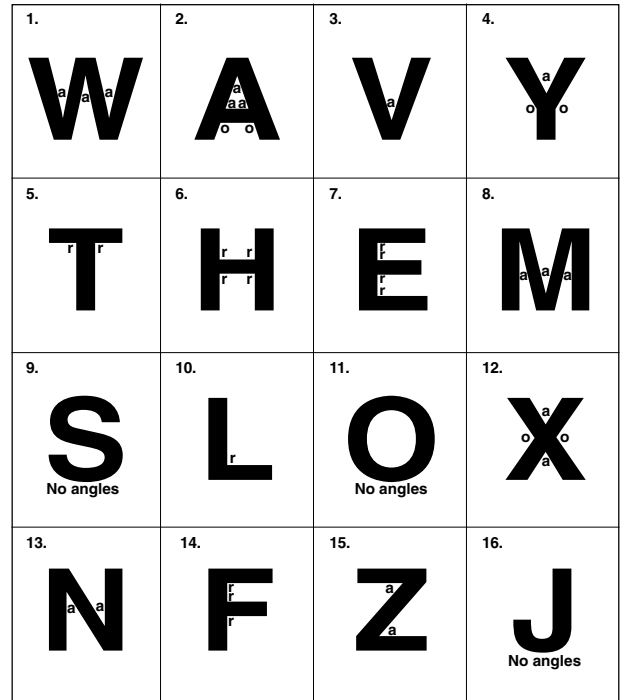
CHAPTER 6: Read a Table:

1. 90,000 2. 2,500,000 3. 1,380,000 4. 3,670,000
5. 3,760,000 6. 3,880,000 7. 360,000 8. 10,000
9. 490,000 10. 120,000

CHAPTER 6: Mean, Median, Mode, Range:

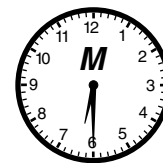
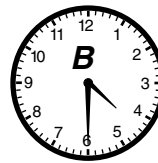
1. 62 2. 56 3. 2 4. 36 5. 104 6. 6 7. 106
8. 103.4 9. 85 10. 18 11. 85 12. 83 13. 7 14. 7
15. 8 16. 8

CHAPTER 7: Classify Angles:



CHAPTER 7: Name Angles:

1. $\angle L$, $\angle ALX$, or $\angle XLA$ 2. $\angle J$, $\angle KJF$, or $\angle FJK$
3. $\angle S$, $\angle WSA$, or $\angle ASW$ 4. $\angle A$, $\angle LAX$, or $\angle XAL$
5. $\angle F$, $\angle JFK$, or $\angle KFJ$ 6. Chicago, Illinois
7. La Paz, Bolivia 8. 10:30 9. 1:30 10. 9:30
11. 12.



CHAPTER 8: Customary and Metric Units:

1. A 2. R 3. I 4. G 5. H 6. T 7. A 8. N 9. G
10. L 11. E
Solution: A RIGHT ANGLE
12. A 13. Y 14. A 15. R 16. D 17. S 18. T 19. I
20. C 21. K
Solution: A YARDSTICK

CHAPTER 8: Solve Proportions:

1. $n = 24$ 2. $n = 20$ 3. $n = 12$ 4. $n = 24$ 5. $n = 60$
6. $n = 10$ 7. $n = 3$ 8. $n = 9$ 9. $n = 25$

CHAPTER 9: Understand Integers:

1. W 2. H 3. E 4. N 5. T 6. Y 7. A 8. V 9. S
10. O 11. R 12. I

Solution: WHEN THEY HAVE STORIES

CHAPTER 9: Number Lines/ Multiplication and Division:

1. -6 2. -3 3. -3 4. +8 5. +2 6. -4

CHAPTER 10: Solid Figures:

1. a cube 2. a triangular pyramid 3. a cylinder
4. a sphere 5. a rectangular prism 6. a cone
7. a square pyramid 8. an octagonal prism
9. a pentagonal pyramid 10. a cylinder 11. a cone
12. a hexagonal prism 13. a triangular prism
14. a rectangular prism

CHAPTER 10: Solid Figures:

1. F 2. I 3. F 4. T 5. E 6. E 7. N 8. C 9. E
10. N 11. T 12. S

Solution: FIFTEEN CENTS

CHAPTER 11: Probability Vocabulary:

1.-11.

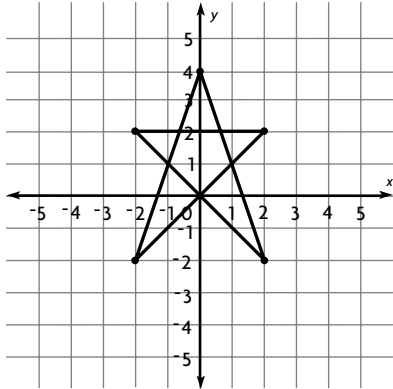
CHAPTER 11: Outcomes and Sample Space:

1. {1, 2, 3, 4, 5, 6} 2. 11 3. $\frac{3}{10}$ 4. $\frac{1}{2}$ 5. $\frac{3}{5}$ 6. $\frac{16}{25}$
7. 0.15 8. $\frac{1}{3}$ 9. $\frac{17}{25}$ 10. 12 11. 8 12. 11:19
13. 13:21

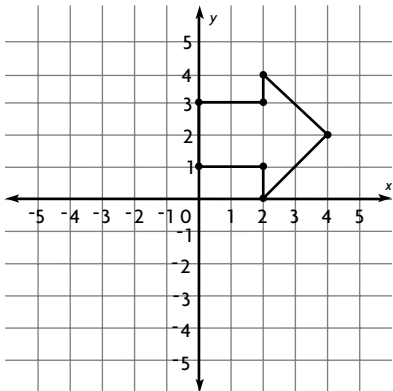
Hank Aaron hit 755 homeruns during his baseball career.

CHAPTER 12: Compare Numbers/Ordered Pairs:

9.

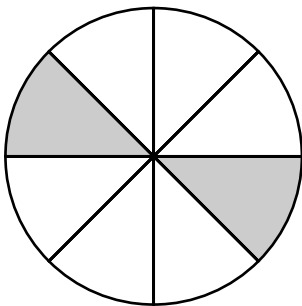


10.

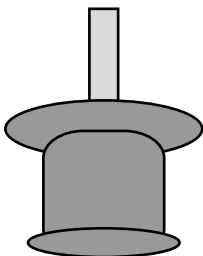


CHAPTER 12: Transformations:

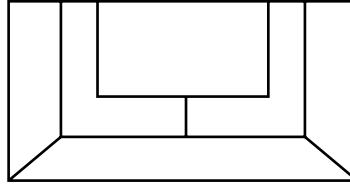
1.



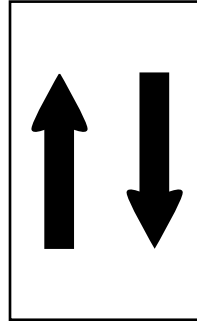
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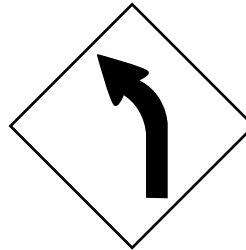
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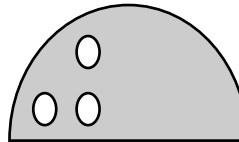
4.



5.



6.



7.

