Name _____

Score _____

Show any calculations on folded loose leaf with a full heading on each sheet. Some problems do not require calculations.

1. Which digit in 13,679 shows the number of thousands?
(7)

    A. 1   **B.** 3   **C.** 6   **D.** 7

2. For a field trip, 120 students will ride on two buses.
(16) If 78 students ride on the first bus, then how many students
will ride on the second bus?

    A. 32 students   **B.** 42 students   **C.** 52 students   **D.** 62 students

3. 7831 − 4392 equals
(9)

    A. 3349   **B.** 4339   **C.** 3439   **D.** 3561

4. $10.00 − $2.35 equals
(13)

    A. $8.65   **B.** $8.35   **C.** $7.65   **D.** $7.35

5. What is the rule for the counting sequence below?
(1)

            36, 42, 48, 54, . . .

    A. Count up by fours.   **B.** Count down by sixes.

    C. Count up by sixes.   **D.** Count up by eights.

6. This table shows how many minutes the students at Hoover
(4) Elementary School exercised during PE class. What is the
pattern from one day to the next?

Day	Exercise Time
Monday	10 minutes
Tuesday	15 minutes
Wednesday	20 minutes
Thursday	25 minutes
Friday	30 minutes

A. decrease by 5 min   **B.** increase by 5 min

C. increase by 10 min   **D.** decrease by 10 min

7. Luiz is fourth in line. Margie is twelfth in line. How many
(7) people are between Luiz and Margie?

A. 7 people   **B.** 8 people   **C.** 9 people   **D.** 12 people

8. Lisa watched 5 birds land on her feeder. After she added
(11) birdseed, more birds landed on the feeder. There were a total
of 17 birds on the feeder. How many birds came after Lisa
added birdseed?

A. 5 birds   **B.** 8 birds   **C.** 11 birds   **D.** 12 birds

9. When 15 is subtracted from 33, what is the difference?
(8, 9)

A. 18   **B.** 15   **C.** 8   **D.** 48

10. Lisa, Denzel, and Joshua went fishing. Lisa caught 3 fish and
(11) Denzel caught 5 fish. If the friends came home with 9 fish,
how many fish did Joshua catch?

A. 3 fish   **B.** 2 fish   **C.** 1 fish   **D.** 0 fish

11. Which shows how to use digits to write three hundred seventy
(7)   six thousand, one hundred three?

    A. 367,103   **B.** 376,130   **C.** 300,763   **D.** 376,103

12. Train 1 travels 163 miles from Austin to Houston. Train 2
(4)   travels 378 miles from Austin to Lubbock. Train 3 travels
229 miles from Austin to Corpus Christi. Train 4 travels
274 miles from San Antonio to Dallas. Which train traveled
the greatest number of miles?

    A. Train 1   **B.** Train 2   **C.** Train 3   **D.** Train 4

13. The track team ran 5 minutes for a warm-up and then
(11)   22 minutes during practice. How many minutes did the
team run in all?

    A. 17 minutes   **B.** 20 minutes   **C.** 25 minutes   **D.** 27 minutes

14. Beth had $7.00 to buy lunch. She spent $3.25 on her lunch.
(13)   How much does she have left over?

    A. $4.75   **B.** $3.75   **C.** $3.25   **D.** $2.25

15. On this number line, each point represents a number.
(12)   Which point represents the **least** number?
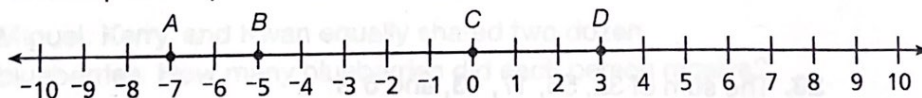
    A. point A   **B.** point B   **C.** point C   **D.** point D

16. The product of eighteen and nine is
(17)

    A. 72   **B.** 189   **C.** 720   **D.** 162

17. Seven years from now Quincy will be 18 years old. How old is
(14)   Quincy now?

    A. 7 years old   **B.** 11 years old   **C.** 18 years old   **D.** 25 years old

18. After Jamie emptied 6 gallons of water from the bath tub,
(16) there were still 36 gallons left in it. How many gallons of water did Jamie's bathtub hold?

    A. 42 gallons   **B.** 30 gallons   **C.** 40 gallons   **D.** 36 gallons

19. In the equation $a + 5 = 20$, what does a equal?
(12)

    A. 25   **B.** 100   **C.** 10   **D.** 15

20. Which of the following represents
(13) $3 + 3 + 3 + 3 + 3 + 3?$

    A. 4×3 **B.** 5×3 **C.** 6×3 **D.** 7×3

21. Mira bought a burrito for $1.45, a taco for $1.05 and a
(13) beverage for $1.35. The total purchase was

    A. $5.20   **B.** $3.85   **C.** $4.60   **D.** $2.60

22. Find the largest three-digit odd number among these choices.
(2)

    A. 345   **B.** 435   **C.** 453   **D.** 534

23. The sum of 32, 56, 17, 43, and 6 is
(6)

    A. 144   **B.** 154   **C.** 148   **D.** 208

24. $4.56 $\times$ 7 equals
(17)

    A. $30.92   **B.** $30.52   **C.** $31.92   **D.** $28.52

25. The sum of 1874 and 236 is
(6)

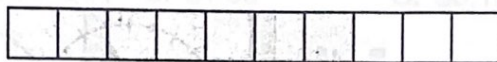   **A.** 2011   **B.** 2000   **C.** 2010   **D.** 2110

1. The relationship between centuries and decades is shown in
(28) the table. How many decades is seven centuries?

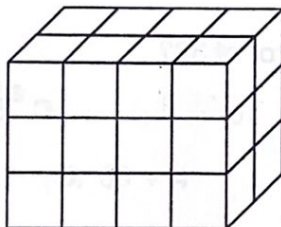| Centuries	1	2	3	4
Decades	10	20	30	40

A. 50 decades   **B.** 60 decades   **C.** 70 decades   **D.** 80 decades

2. What decimal part of this rectangle is shaded?
(30)

A. 0.3   **B.** 0.5   **C.** 0.7   **D.** 0.9

3. Cailin stacked blocks as shown. How many blocks did she use?
(18)

A. 8 blocks   **B.** 12 blocks   **C.** 24 blocks   **D.** 36 blocks

4. Miguel, Kerry, and Kwan equally shared two dozen
(21) blueberries. How many blueberries did each person receive?

A. 4   **B.** 6   **C.** 8   **D.** 9

5. One fourth of the circle is shaded. What decimal portion of
(30) the circle is shaded?

A. 0.25   **B.** 0.40   **C.** 0.50   **D.** 0.75
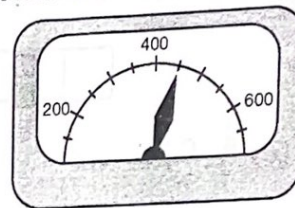
6. Jason reads 23 pages of a book each day. How many pages
(21) of the book does Jason read in 5 days?

A. 75 pages   **B.** 85 pages   **C.** 115 pages   **D.** 123 pages

7. Sam is fourth in line and Celine is seventh. The number of
(7) people between Sam and Celine is

A. 2   **B.** 3   **C.** 4   **D.** 5

8. The arrow appears to be pointing to what number on the
(27) scale?

A. 425   **B.** 450

C. 500   **D.** 550

9. Which number is a factor of 32?
(25)

A. 64   **B.** 10   **C.** 8   **D.** 3

10. 4352 − 1674 equals
(9)

A. 6026   **B.** 2678   **C.** 2778   **D.** 3322

11. $20.00 − $7.38 equals
(13)

A. $13.72   **B.** $13.62   **C.** $12.62   **D.** $12.72

12. The planet Uranus was discovered in the year 1781. The
(35) planet Neptune was discovered in 1846. How many years
were there between the two discoveries?

A. 165 years   **B.** 65 years   **C.** 3627 years   **D.** 85 years

13. The remainder when 436 is divided by 5 is
(26)

    A. 1   **B.** 2   **C.** 3   **D.** 6

14. $\dfrac{300}{5}$ equals
(20, 26)

    A. 6   **B.** 60   **C.** 600   **D.** 1500

15. $12.00 ÷ 8 equals
(26)

    A. $15.00   **B.** $1.50   **C.** $0.15   **D.** $1.05

16. 40 × 35 equals
(29)

    A. 14   **B.** 140   **C.** 1400   **D.** 14,000

17. 6 × (5 + 4) equals
(24)

    A. 6 × 9   **B.** 30 + 4   **C.** 11 + 10   **D.** 30 + 10

18. Which is the best choice for using compatible numbers to
(34) estimate 410 ÷ 7?

    A. 400 ÷ 7   **B.** 420 ÷ 7   **C.** 415 ÷ 7   **D.** 410 ÷ 10

19. If $9b = 63$, what does b equal?
(18)

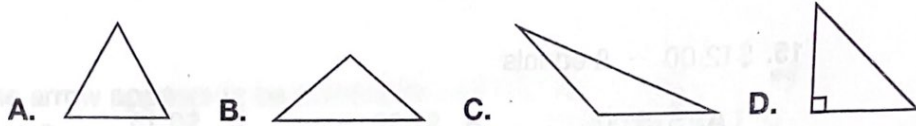   **A.** 5   **B.** 6   **C.** 7   **D.** 8

20. Hudson's class starts at 8:30 a.m. and lunch begins at
(28) 12:15 p.m. From the time class starts until lunch begins is
how many hours and minutes?

    A. 4 hr 15 min   **B.** 4 hr 45 min   **C.** 3 hr 15 min   **D.** 3 hr 45 min

21. Which of these angles appears to be obtuse?
(31)

A.   B.   C.   D.
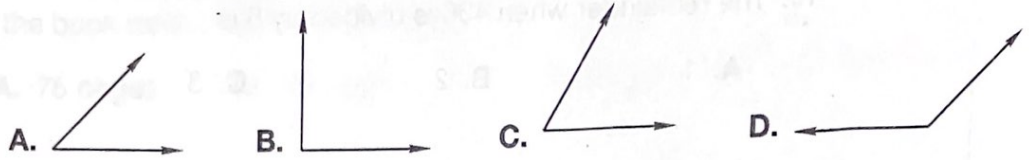
22. Which triangle is a right triangle?
(36)

A.   B.   C.   D.

23. Which fraction does not equal $\frac{1}{2}$?
(23)

A. $\frac{3}{6}$ **B.** $\frac{2}{4}$ **C.** $\frac{2}{2}$ **D.** $\frac{4}{8}$

24. Which of the following numbers is divisible by 2 without a
(22) remainder?

A. 73   **B.** 74   **C.** 77   **D.** 79

25. $7.82 × 4 equals
(17)

A. $31.28   **B.** $29.28   **C.** $29.12   **D.** $31.12

1. The face of the spinner is divided into five equal-sized
(57) sectors. What is the probability the spinner will stop on
a number greater than three?
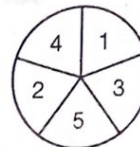
A. $\frac{3}{5}$ **B.** $\frac{2}{5}$ **C.** $\frac{2}{3}$ **D.** $\frac{3}{2}$

2. Alex recorded the time she spent reading her book each
(Inv 5) night. Find the median of the set of data.

Monday	Tuesday	Wednesday	Thursday	Friday
40 min	25 min	30 min	25 min	45 min

A. 25 min   **B.** 30 min   **C.** 40 min   **D.** 45 min

3. Twenty million, six hundred seven thousand, twenty-five is
(52)

A. 20,600,725   **B.** 20,607,025   **C.** 20,670,025   **D.** 20,600,007,025

4. The digit in the ten-thousands place in 12,345,678 is
(52)

A. 1   **B.** 2   **C.** 3   **D.** 4

5. In three stacks of books there are 13 books, 9 books, and
(50) 8 books. If the books are rearranged so that each stack has
the same number of books, then each stack would have

A. 9 books   **B.** 10 books   **C.** 11 books   **D.** 12 books

Saxon Math 5 (for use with **Lesson 60**)

6. The perimeter of the triangle is
(53)

15 cm 9 cm 12 cm
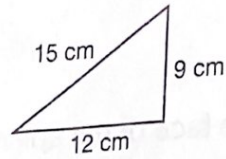
A. 108 cm **B.** 54 cm **C.** 36 cm **D.** 18 cm

7. The chart shows the number of minutes in 1 hour, 2 hours,
(Inv 4) and 3 hours. How many minutes are there in 6 hours?

Hours	1	2	3	4	5	6
Minutes	60	120	180			

A. 200 minutes **B.** 240 minutes **C.** 360 minutes **D.** 480 minutes

8. Which of these numbers is divisible by 9?
(42)

A. 345 **B.** 450 **C.** 652 **D.** 907

9. Anh, Haven, and Roni have 4 oranges. If they divide the
(43) oranges evenly, how many oranges does each girl get?

A. $1\frac{1}{3}$ oranges **B.** $1\frac{1}{2}$ oranges **C.** $1\frac{2}{3}$ oranges **D.** $2\frac{1}{3}$ oranges

10. The paper clip is 3 centimeters in length. How many
(44) millimeters long is the paper clip?

0 1 2 3 4 5 6 7 8 9 10
centimeter
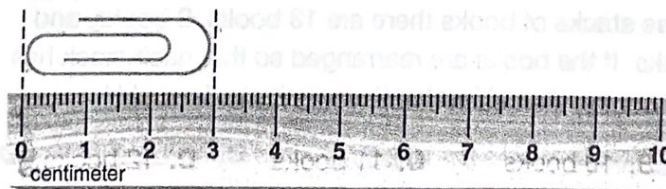
A. 3 mm **B.** 30 mm **C.** 300 mm **D.** 3000 mm

11. The sum of 763 and 79 is
(6)

A. 916 **B.** 1442 **C.** 842 **D.** 716

Saxon Math 5

12. 4106 − 1460 equals
(9)

    A. 3746   **B.** 3366   **C.** 2646   **D.** 3436

13. 625 × 142 equals
(55)

    A. 88,750   **B.** 10,000   **C.** 87,750   **D.** 651,250

14. Sophie stacked blocks as shown. How many blocks did she
(18) use?
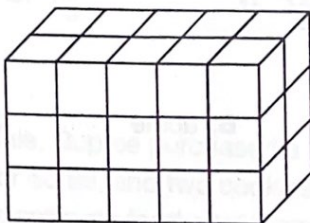
    A. 15 blocks   **B.** 20 blocks   **C.** 22 blocks   **D.** 30 blocks

15. 375 ÷ 10 is between
(54)

    A. 36 and 37   **B.** 37 and 38   **C.** 38 and 39   **D.** 374 and 376

16. Which point shows the number $9\frac{1}{6}$?
(38)
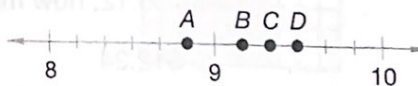
    A. Point *A*   **B.** Point *B*   **C.** Point *C*   **D.** Point *D*

17. $6.40 ÷ 20 equals
(54)

    A. $3.20   **B.** $0.32   **C.** $3.02   **D.** 3 R20

18. $2\frac{3}{5}$ + $1\frac{1}{5}$ equals
(41)

    A. $3\frac{2}{5}$ **B.** $1\frac{3}{5}$ **C.** $2\frac{4}{5}$ **D.** $3\frac{4}{5}$

19. Matsu cut a piece of string that was 6 feet 9 inches long.
(47) How many inches long was the string?

A. 81 in.   **B.** 27 in.   **C.** 69 in.   **D.** 15 in.

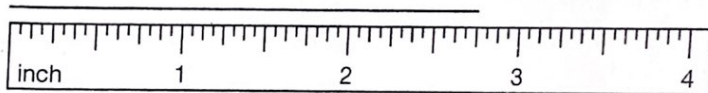**20.** $20 − ($3 + $4.75 + $5.49) equals
(13, 24)

A. $13.24   **B.** $7.24   **C.** $27.24   **D.** $6.76

21. Which term best describes this triangle?
(36)

A. right   **B.** acute   **C.** equilateral   **D.** obtuse

22. What is the length of this line segment to the nearest
(44) quarter inch?

A. $1\frac{3}{4}$ in.   **B.** $2\frac{1}{4}$ in.   **C.** $2\frac{1}{2}$ in.   **D.** $2\frac{3}{4}$ in.

23. Ishmael needs 12 paper cups for his project. If each cup
(51) costs $0.12, how much money does Ishmael need?

A. $12.24   **B.** $1.12   **C.** $1.44   **D.** $144

24. Natasha scored $\frac{1}{4}$ of her basketball team's 24 points.
(46) How many points did Natasha score?

A. 12 points   **B.** 8 points   **C.** 6 points   **D.** 4 points

25. A whole square is 100% of the square. If a square is divided
(30, 37) into four equal parts, then each part is what percent of the
whole square?

A. 25%   **B.** 40%   **C.** 50%   **D.** 125%

Name _____

Score _____

1. School starts at 8:30 but Chad wants to arrive 15 minutes
(28, 49) early. If the walk to school takes 20 minutes, at what time
should he leave home?

    A. 7:50 a.m.   **B.** 7:55 a.m.   **C.** 8:05 a.m.   **D.** 8:10 a.m.

2. The improper fraction $\frac{10}{3}$ equals
(75)

    A. $\frac{3}{10}$ **B.** $1\frac{2}{3}$ **C.** $3\frac{1}{3}$ **D.** $3\frac{1}{10}$

3. At the school bake sale, Dupree purchased a brownie for
(62) $1.05, a lemon bar for $0.89, and two cookies for $0.45 each.
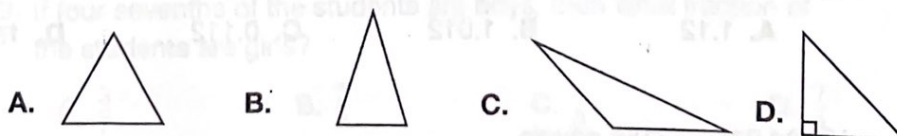What is a reasonable estimate for the total amount of money
he spent?

    A. $2.00   **B.** $3.00   **C.** $4.00   **D.** $5.00

4. Name the shaded portion of
(67) this square as a decimal number.

    A. 0.3   **B.** 0.4   **C.** 0.7   **D.** 0.10

5. Which triangle is an obtuse triangle?
(36)

    A.   **B.**   **C.**   **D.**

6. In the triangle shown, s equals 4 inches. What is the perimeter
(31, 61) of the triangle?

S   4 in.

6 in.
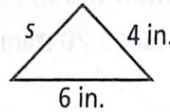
A. 10 inches   **B.** 14 inches   **C.** 24 inches   **D.** 96 inches

7. What is the area of a room that is 12 feet long and 12 feet
(72) wide?

A. 110 sq. ft   **B.** 121 sq. ft   **C.** 144 sq. ft   **D.** 164 sq. ft

8. The perimeter of this square is
(53, 66)

A. 15 mm   **B.** 4 cm

C. 30 mm   **D.** 6 cm

mm 10   20   30   40
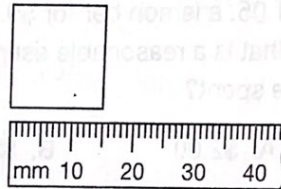
9. What is the width of the square shown in problem 8?
(66)

A. 1 cm   **B.** 1.5 cm   **C.** 2 cm   **D.** 15 cm

10. 13.02 − 0.65 equals
(73)

A. 12.37   **B.** 12.67   **C.** 13.67   **D.** 13.37

11. One and twelve thousandths is
(68)

A. 1.12   **B.** 1.012   **C.** 0.112   **D.** 1.1200

12. 34,015 − 3154 equals
(9)

A. 261   **B.** 31,141   **C.** 30,861   **D.** 37,169

Saxon Math 5

13. 360 × 306 equals
(56)

    A. 14,760   **B.** 93,636   **C.** 129,600   **D.** 110,160

14. $16.64 ÷ 8 equals
(34)

    A. $2.80   **B.** $2.08   **C.** $20.08   **D.** $0.28

15. $\frac{3}{8} \times \frac{1}{2}$ equals
(76)

    A. $\frac{3}{16}$ **B.** $\frac{1}{4}$ **C.** $\frac{3}{4}$ **D.** $\frac{4}{10}$

16. Pete's running trail is two and a half kilometers long. How
(74) many meters long is Pete's running trail?

    A. 2500 meters   **B.** 2200 meters   **C.** 1600 meters   **D.** 1500 meters

17. Janelle can run around the 4-mile trail with her father in about
(21) 36 minutes. About how long does it take Janelle to run one mile?

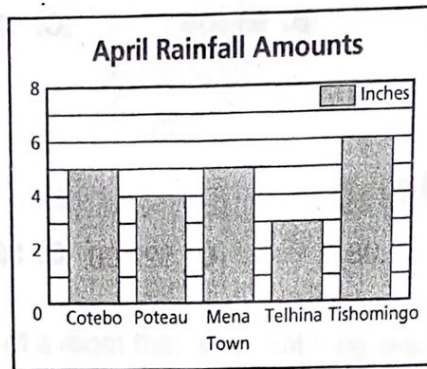   **A.** 6 minutes   **B.** 8 minutes   **C.** 9 minutes   **D.** 12 minutes

18. $1 - \frac{5}{7}$
(77)

    A. $\frac{1}{7}$ **B.** $\frac{4}{7}$ **C.** $1\frac{2}{7}$ **D.** $\frac{2}{7}$

19. If four sevenths of the students are boys, then what fraction of
(60) the students are girls?

    A. $\frac{3}{7}$ **B.** $\frac{3}{4}$ **C.** $\frac{7}{3}$ **D.** $\frac{7}{4}$

20. What is the median rainfall amount shown by the graph?
(Inv. 5)

April Rainfall Amounts

A. 3 inches   **B.** 4 inches   **C.** 5 inches   **D.** 6 inches

21. Aaron, Parker, and Denisha will evenly divide 10 cases of
(58) fruit juice boxes to hand out to students at lunch. How many
cases of fruit juice will each of them have to hand out?

A. $3\frac{1}{2}$ cases   **B.** $3\frac{1}{3}$ cases   **C.** $\frac{1}{3}$ cases   **D.** 3 cases

22. Use compatible numbers to estimate the sum of $9.76, $6.22,
(62) $4.02, and $4.51.

A. $24.00   **B.** $24.50   **C.** $25.00   **D.** $23.50

23. Which number is greatest: 3.08, 38.0, 0.308, or 308?
(69)

A. 3.08   **B.** 38.0   **C.** 0.308   **D.** 308

24. 8035 ÷ 4 equals
(58)

A. $2008\frac{3}{4}$ **B.** $208\frac{3}{4}$ **C.** $28\frac{3}{4}$ **D.** $20\frac{3}{4}$

25. Jose bought 6 pencils for 60 cents each and a package of
(80) dividers for $1.19. How much did he spend altogether?

A. $4.79   **B.** $1.79   **C.** $10.74   **D.** $1.29

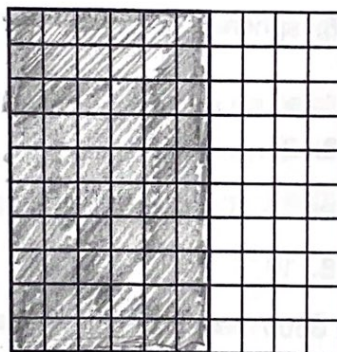Name _____

Score _____

1. Estimate the sum of $9.95, $6.20, $4.15, and $4.85 by
(62)   rounding to the nearest dollar before adding.

    A. $24   **B.** $25   **C.** $23   **D.** $26

2. Leeza had 3 small cakes at her party. The children at the party
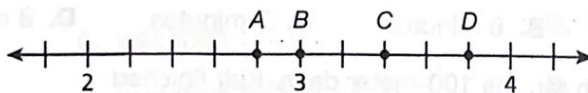(63)   ate $2\frac{1}{3}$ cakes. How much cake was left over?

    A. $\frac{2}{3}$ cake   **B.** $1\frac{1}{2}$ cakes   **C.** $2\frac{1}{2}$ cakes   **D.** $2\frac{2}{3}$ cakes

3. Name the shaded portion of the square as a simplified fraction.
(67)

    A. $\frac{2}{5}$ **B.** $\frac{1}{2}$ **C.** $\frac{3}{5}$ **D.** $\frac{4}{5}$

4. Which point represents $3\frac{4}{5}$?
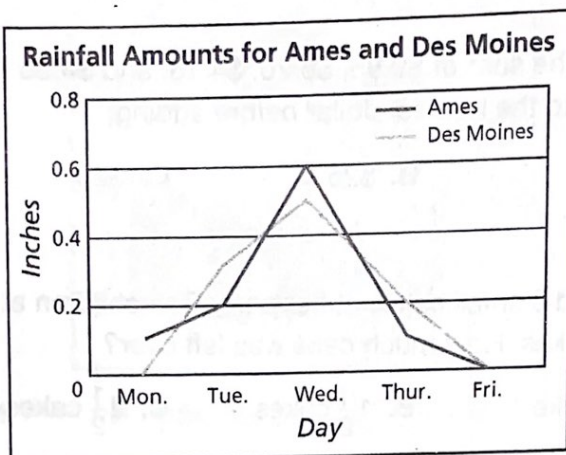(38)

    A. Point A   **B.** Point B   **C.** Point C   **D.** Point D

5. In the inequality $n + 8 > 12$, which number could be a value
(98)   for n to make the statement true?

    A. 2   **B.** 3   **C.** 4   **D.** 5

Saxon Math 5 (for use with **Lesson 100**)

6. What was the Tuesday rainfall amount for Ames?
(93)

Rainfall Amounts for Ames and Des Moines

A. 0.2 inches   B. 0.4 inches   C. 0.6 inches   D. 0.8 inches

7. A tissue box has the shape of a
(83)

A. cylinder   B. sphere   C. pyramid   D. rectangular solid

8. Three fourths of 36 is
(86)

A. 48   B. 27   C. 24   D. 9

9. The median of the ages 11, 10, 16, 10, 13, 10, and 14 is
(84)

A. 6   B. 10   C. 11   D. 12

10. Zack's running trail is 3500 meters long. How many kilometers
(74) long is Zack's running trail?

A. 3.5 kilometers   B. 35 kilometers   C. 7 kilometers   D. 1.75 kilometers

11. Pete can run around the 4 mile trail with his father in about 27
(74) minutes. About how long does it take Pete to run one mile?

A. 5 minutes   B. 6 minutes   C. 7 minutes   D. 8 minutes

12. Kait and Suri each ran the 100-meter dash. Kait finished
(99) in 14.25 seconds, and Suri finished in 14.26 seconds. Kait
finished ahead of Suri by how many seconds?

A. 0.001 second   B. 0.01 second   C. 0.1 second   D. 1.0 second

13. Mikayla uses the expression $2 \times n$ to find the total number
(78) of wheels on n bicycles. When the number of bicycles n is 6,
what does $2 \times n$ equal?

A. 4   B. 8   C. 12   D. 36

Saxon Math 5

14. What fraction equal to $\frac{1}{2}$ has a denominator 12?
(79)

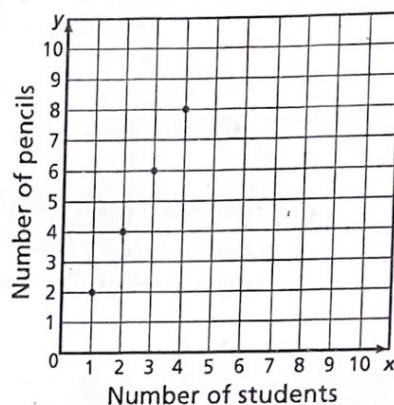   **A.** $\frac{3}{12}$ **B.** $\frac{6}{12}$ **C.** $\frac{4}{12}$ **D.** $\frac{2}{12}$

15. Each student in Mr. Welch's class has two pencils. Which choice
(Inv 8) shows the appropriate (x, y) pair for the last row of the table?
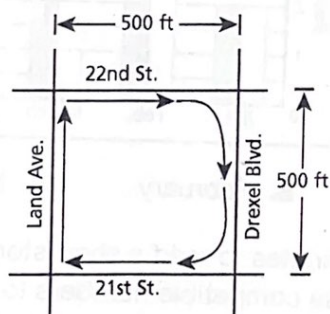
students (x)	pencils (y)
1	2
2	4
3	6
?	?

Number of students

    A. (4, 2)   **B.** (8, 4)   **C.** (4, 6)   **D.** (4, 8)

16. Dr. Worthington runs this path in his neighborhood. The
(94) distance between each intersection is 500 feet. What is the
length of one full loop of the running path?

    A. less than 125 ft   **B.** less than 250 ft

    C. less than 1000 ft   **D.** less than 2000 ft

17. $\frac{3}{5} \div \frac{3}{5}$ equals
(96)

    A. $\frac{9}{25}$ **B.** 1   **C.** $2\frac{4}{25}$ **D.** 3

18. $\frac{15}{16} - \frac{3}{16}$ equals
(41, 90)

    A. $\frac{1}{2}$ **B.** 12   **C.** $\frac{3}{4}$ **D.** $\frac{5}{8}$

19. $2\frac{1}{8} + 3\frac{3}{8}$ equals
(90)

    A. $5\frac{3}{4}$ **B.** $5\frac{1}{2}$ **C.** $5\frac{7}{8}$ **D.** $6\frac{1}{8}$

20. Which of these is an acute angle?
(88)

    A.   **B.**   **C.**   **D.**
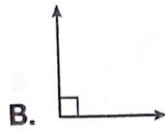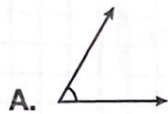
21. There are 2 grape juice boxes and 4 apple juice boxes in the
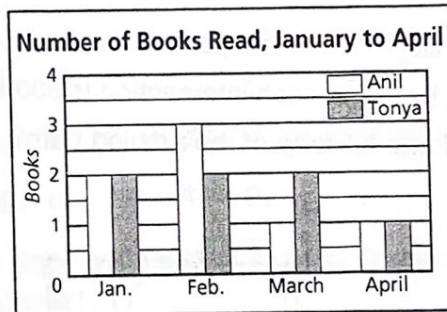(57, 81) cooler. If Matt takes one from the cooler without looking, what is the probability that the juice box is grape?

    A. $\frac{1}{2}$ **B.** $\frac{1}{4}$ **C.** $\frac{1}{3}$ **D.** $\frac{1}{6}$

22. Anil and Tonya keep track of how many books they read. In
(93) which month did Anil read more books than Tonya?

Number of Books Read, January to April

Anil
Tonya

Books

4
3
2
1
0   Jan.   Feb.   March   April

    A. January   **B.** February   **C.** March   **D.** April

23. It took Tate 117 minutes to read a short story that was
(94) 15 pages long. Use compatible numbers to estimate how many minutes it took Tate to read each page.

    A. 8 minutes   **B.** 15 minutes   **C.** 7 minutes   **D.** 17 minutes

24. What is the mode of these data?
(84)
    79, 90, 91, 80, 90, 81, 77

    A. 90   **B.** 79   **C.** 80.5   **D.** 90.5

25. What is the reciprocal of $\frac{2}{5}$ written as a mixed number?
(95)
    A. $1\frac{2}{5}$ **B.** $1\frac{5}{2}$ **C.** $2\frac{1}{2}$ **D.** $2\frac{1}{5}$