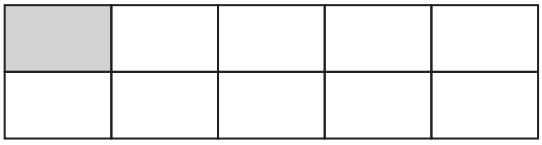
Name _____

Practice C

1 2.1.a Which decimal part of the grid is shaded?



A 1.0

C 0.1

B 0.01

D 0.001

---

2 5.3 Ben kept track of the color of the cars that passed his house one day. He recorded his data in this table.

Color	Number of cars
red	4
blue	9
green	5
white	6
black	12
silver	9

What was the mode of the car colors?

A 5

B 6

C 8

D 9

3 1.1 Lucas has a job walking dogs. The table below shows the relationship between the number of dogs walked and dollars paid.

Number of Dogs Walked	Dollars Paid
4	$24
7	$42
9	$54

Describe how to find the dollars paid if you know the number of dogs walked.

A Add to find the total number of dogs walked.

B Multiply the number of dogs walked by $4.

C Multiply the number of dogs walked by $6.

D Multiply the number of dogs walked by $8.

Go On →

4 4.2 Annika creates birthday cards. She sold ten cards at $2.75 each. How much money has she made from selling her cards?

A $ 12.75

B $ 27.50

C $ 28.50

D $275.00

---

5 2.2.c There are 75 students in the marching band. They are traveling by van to march in the homecoming parade. Each van can hold 8 students. How many vans are needed to take the marching band to the parade?

A 9

B 10

C 11

D 12

---

6 1.3 Which expression gives the same result as $(7 \times 5) \times 6$?

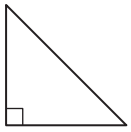
A $(7 + 5) \times 6$

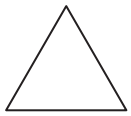
B $7 \times (5 \times 6)$

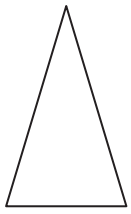
C $7 + (5 \times 6)$

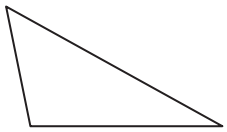
D $(7 + 5) + 6$

7 3.1 Which of the following is a scalene triangle?

A 

B 

C 

D 

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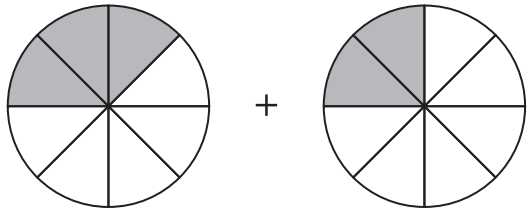
8 2.2.b Ruby and Max shared a pizza. Ruby ate $\frac{3}{8}$ of the pizza and Max ate $\frac{2}{8}$ of the pizza. How much of the pizza did they eat in all?



A $\frac{1}{8}$

B $\frac{4}{8}$

C $\frac{5}{8}$

D $\frac{5}{16}$

Go On →

9 1.2 One afternoon, Sam spent a total of 41 minutes doing his homework. He spent 16 minutes doing his Math homework and the rest of the time doing his Language Arts homework. Which equation can be used to find the amount of time that Sam spent doing his Language Arts homework?

A $41 - t = 16$

B $41 + t = 16$

C $16 - t = 41$

D $41 + 16 = t$

---

10 2.2.c One hundred sixty-eight students signed up for basketball. The players were separated into 14 equal teams. How many players were on each team?

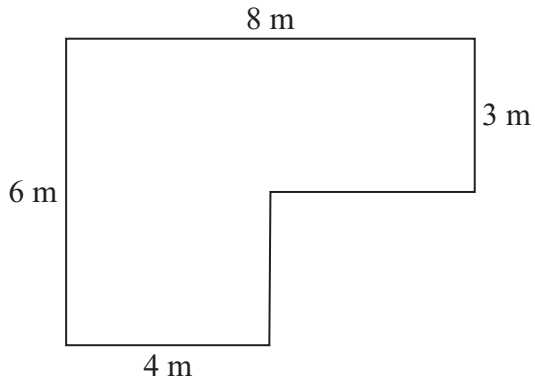
A 10

B 11

C 12

D 14

11 4.1.b Mr. Rodriguez has a vegetable garden in the shape of the drawing.



Which is the area of Mr. Rodriguez's garden?

A 12 sq. m

B 24 sq. m

C 36 sq. m

D 48 sq. m

---

12 2.2.c Mr. Ching has 260 stamps in his stamp collection. He arranged 20 stamps on each page of his stamp album. How many pages in Mr. Ching's album has he filled with stamps?

A 13

B 30

C 110

D 130

Go On →

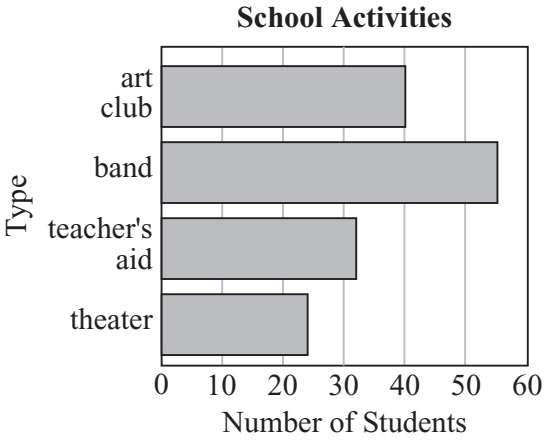
13 5.1.a This table shows the number of students in fifth grade that participate in different school activities.

School Activities

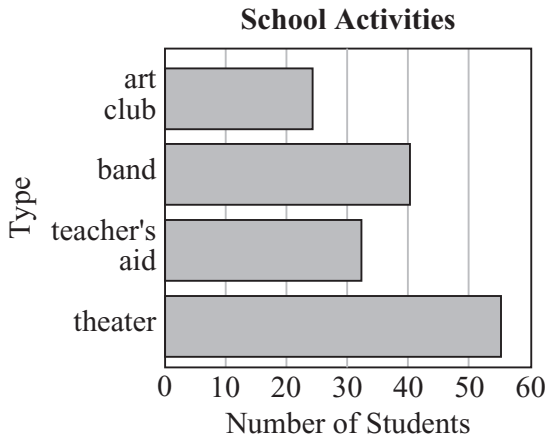
Type of Activity	Number of Students
art club	40
band	55
teacher's aid	24
theater	32

Which graph best represents the data shown in the table?

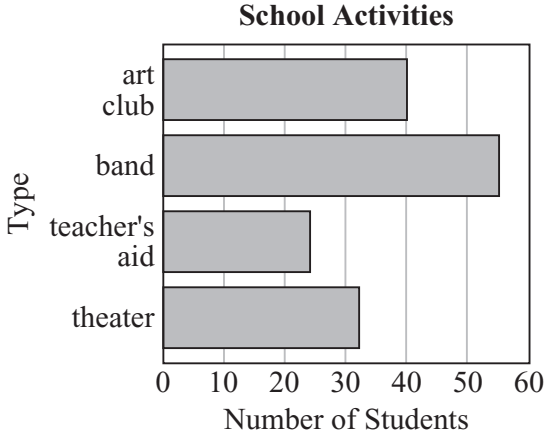
A



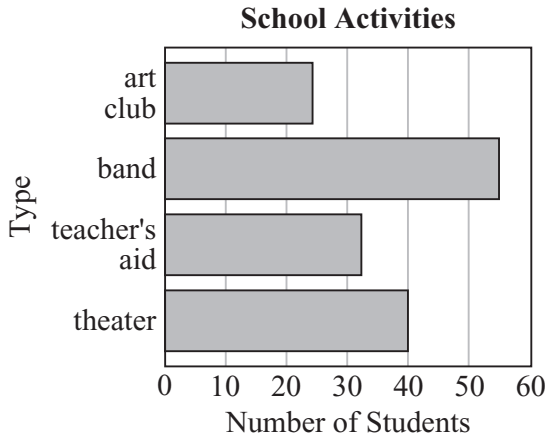
C



B

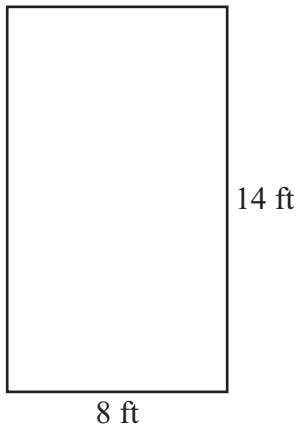


D



Go On →

14 4.1.b George has a garden with the dimensions shown on the drawing. What is the area of George's garden?



A 44 sq. ft

B 60 sq. ft

C 112 sq. ft

D 120 sq. ft

---

15 2.1.b Which lists the numbers in order from least to greatest?

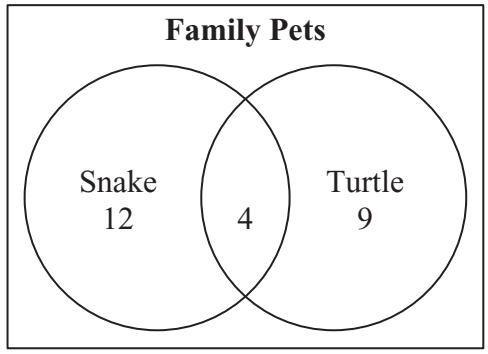
A 1.4, 0.84, 0.48

B 0.48, 1.4, 0.84

C 0.84, 0.48, 1.4

D 0.48, 0.84, 1.4

16 5.1.b How many students had only one of the two types of animals?



A 4 students

B 9 students

C 21 students

D 25 students

---

17 4.1.c You need 0.05 liters of water for a science experiment. How many milliliters is this?

A 50mL

B 5mL

C 500mL

D 5000mL

Go On →

18 2.2.a Mr. Ross stopped at the supermarket. He purchased apples for $2.95, strawberries for $3.99 and an orange for $1.25. Which is a reasonable estimate of the cost of the fruit?

A $5.25

B $6.00

C $7.25

D $8.25

---

19 2.1.d Which of these numbers is a prime number and a factor of 18?

A 1

B 3

C 6

D 9

---

20 3.2 Which type of angle has a measure of 160 degrees?

A acute

B obtuse

C right

D straight

21 2.1.c On January 18, 1930, the temperature in Watts, Oklahoma was twenty-seven degrees below zero on the Fahrenheit scale. Which shows the temperature using digits and symbols?

A 27°F

B 0°F

C –0°F

D –27°F

---

22 5.2.a Karie has a number cube with six faces labeled 1 through 6. If Karie rolls the number cube 36 times, how many times would she expect to roll a 3?

A 6

B 12

C 18

D 36

Go On →

23 5.3 The fifth-grade class recorded the daily high and low temperatures for five days.

Day	Monday	Tuesday	Wednesday	Thursday	Friday
High (°F)	86	81	79	82	86
Low (°F)	58	47	41	57	58

What was the median high temperature for the five days?

A 7°F

B 57°F

C 82°F

D 86°F

---

24 1.1 Maria made this function table.

In	Out
27	3
63	7
54	6

If 9 is the "in" number, which is the "out" number?

A 1

B 3

C 6

D 9

Go On →

25 4.1.b The Garrett family is installing a pool in their backyard. They need to purchase 1-foot by 1-foot tiles for the bottom of the pool. What should the Garrett family calculate to find out how many tiles they should purchase?

A area

B length

C perimeter

D width

---

26 2.1.d Which is the least common multiple of 6 and 10?

A 20

B 18

C 30

D 36

---

27 3.2 The measures of the angles between three petals of a flower are equal. What type of angle is formed between any two petals?

A Acute

B Obtuse

C Right

D Straight

28 2.2.b Rosa bought a package of flower bulbs. In her package, $\frac{9}{10}$ of the bulbs were tulip bulbs. Of the tulip bulbs, $\frac{6}{10}$ bloomed with red tulips. What fraction of the tulips bloomed another color?

A $\frac{1}{10}$

B $\frac{3}{10}$

C $\frac{4}{10}$

D $\frac{15}{10}$

---

29 4.1.c Michael attends school from 7:30 A.M. to 2:30 P.M. each weekday. How many minutes does MIchael attend school each weekday?

A 300 minutes

B 360 minutes

C 420 minutes

D 480 minutes

---

30 5.2.a Tyrone's aquarium has 8 neon tetras, 4 swordtails, and 6 zebra danios. What is the probability that a fish caught at random from the aquarium is <u>not</u> a swordtail?

A $\frac{2}{7}$

B $\frac{4}{9}$

C $\frac{7}{9}$

D $\frac{2}{9}$

Go On →

31 2.1.c Sean borrowed $19 from his dad. On Saturday he gets a $5 allowance for his weekly chores. What integer describes his financial situation after he receives his allowance?

A $24 **C** −$24

B $14 **D** −$14

---

32 5.2.b Inside three boxes, there are three prizes: a toy car, a pack of trading cards, and a whistle. One prize was inside each box. How many possible arrangements of the prizes are there?

A three **C** five

B four **D** six

---

33 1.2 Maddy has a ribbon that is 72 inches long. She wants to cut the ribbon into 9 equal pieces. She writes this equation to find the number of pieces of ribbon she will have.

$$9n = 72$$

Which step could Maddy use to solve the equation?

A Multiply 72 by 8.

B Multiply 72 by 9.

C Divide 72 by 8.

D Divide 72 by 9.

34 5.1.b Students in Ms. Urban's class were asked which sport (soccer, basketball, track or gymnastics) was their favorite. The results are shown in the pictograph. Which statement correctly describes the students' choices?

Students' Favorite Sports

soccer	☺ ☺ ☺ ☺ ☺
basketball	☺ ☺ ☺
track	☺ ☺ ☺
gymnastics	☺ ☺

Key ☺ = 3 students

A Five more students choose track than chose gymnastics.

B More than half of the students chose soccer.

C An equal number of students chose soccer and track.

D Nine more students chose soccer than chose gymnastics.

---

35 2.1.a Which digit is in the thousandths place in 3618.492?

A 2 **C** 6

B 3 **D** 9

Go On →

36 5.2.a Mr. Lang, the art teacher, has 2 drawing projects, 4 painting projects, and 2 sculpture projects. He randomly chooses one project for his class. What is the probability it is a drawing project?

A $\frac{2}{3}$

B $\frac{1}{3}$

C $\frac{1}{2}$

D $\frac{1}{4}$

---

37 2.2.b Emily has a piece of pipe that is $36\frac{1}{4}$ inches long. She cuts the pipe into two pieces. One piece is $12\frac{5}{6}$ inches long. Which expression has a value that is <u>closest</u> to the length of the second piece of pipe?

A 36 − 12

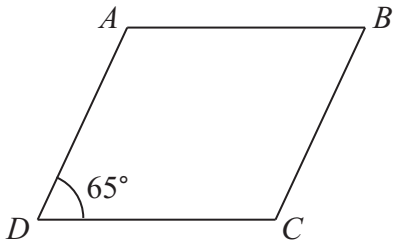
B 36 − 13

C 37 − 12

D 37 − 13

---

38 4.1.a The angles of a parallelogram are labeled below. What type of angle is shown at B?



A Obtuse

B Right

C Acute

D Straight

Go On →

39 2.2.b In April, a town had $8\frac{1}{2}$ inches of rain. In May, it had $6\frac{3}{4}$ inches. In June, it had $3\frac{1}{3}$ inches of rain. How much rain did the town get during the three month period?

A $17\frac{7}{12}$ in.

B $18\frac{7}{12}$ in.

C $18\frac{2}{3}$ in.

D $18\frac{5}{6}$ in.

---

40 1.3 Which expression is equivalent to $x + 4$?

A $4x$

B $4 - x$

C $4 + x$

D $x - 4$

---

41 4.2 A 5th grade class of 154 students is having an end of the year swimming party. The party will cost $9.95 per student. Estimate the total cost of the party.

A $1500

B $1100

C $1300

D $1700

42 3.1 A triangle has angles measuring 25° and 35°. What is the measure of the triangle's third angle?

A 120°

B 60°

C 85°

D 145°

---

43 2.2.a An American gymnast competed in the Women's Individual All-Around competition in the 2008 Summer Olympics and won a gold medal. The table shows her scores for each event in the competition.

Event	Score (to the nearest hundredth)
floor	15.53
vault	15.03
uneven bars	16.65
balance beam	16.13

What was the gymnast's total score for the All-Around competition?

A 62.34

B 63.24

C 63.34

D 64.34

Go On →

44 4.1.a A quadrilateral has angles measuring 40°, 45°, and 140°. What is the measure of the quadrilateral's fourth angle?

A 155°

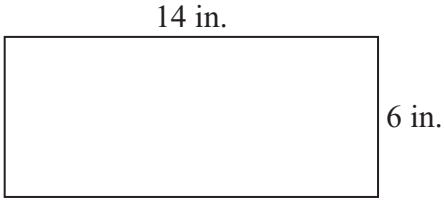
B 135°

C 75°

D 35°

---

45 4.1.b What is the perimeter of this rectangle?



A 28 in.

B 40 in.

C 20 in.

D 84 in.

46 5.3 There are seven pairs of girls' shoes in the lost and found. Their sizes are 8, 6, 12, 7, 13, 8, and 6. What is the median shoe size?

A 7

B 8

C 7.5

D 8.5

---

47 5.2.b A company produces 2 different handheld video game systems. Each is offered in grey, black, or clear. How many possible combinations of the game systems does the company offer?

A three

B four

C five

D six

STOP